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CATALOG of NAVY MATERIAL

BUREAU of SHIPS SECTION - Part II

# ARMED FORCES CROSS INDEX of ELECTRON TUBE TYPES

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# **CROSS INDEX OF ELECTRON TUBE TYPES**

## **FOREWORD**

### **PURPOSE**

The purpose of this publication is to provide as complete a list as possible of all electron tubes used by the armed forces, together with a cross reference of any other tube type number or designations these same tubes may have.

This information may be used as a guide to interchangeability, but is not authority to make any circuit or component modification to existing equipment.

### **EXPLANATION OF COLUMN HEADINGS**

#### **FIRST COLUMN - TUBE TYPE:**

All electron tube type numbers which are included in this Catalog Section have been arranged in numerical-alphabetical order.

#### **SECOND COLUMN - STANDARD NAVY STOCK NUMBER:**

This column provides the user of the Catalog Section with the Standard Navy Stock Number applicable to electron tube types in use in Naval electronic equipments. A Standard Navy Stock Number is a number assigned within the framework of the Navy classification system. Cognizance symbols are letter codes prefixed to the stock number in order to identify and designate the Bureau, Office or Supply Demand Control Point which exercises inventory control over the item. The cognizance symbol "N" denotes inventory control by the Electronic Supply Office, "F" denotes inventory control by the Bureau of Ships.

#### **THIRD COLUMN - NAVY ALLOWANCE CODE:**

The Navy Allowance code letter is for use by Naval activities to compute tube allowances in accordance with special instructions provided to Naval activities by the Bureau of Ships, Electronics Division.

#### **FOURTH COLUMN - CURRENT SERVICE DESIGNATION:**

The approved service designation for tubes will be found listed in this column.

#### **FIFTH COLUMN - OTHER NUMBER:**

This column contains other designations by which the same type has been and/or is known, which are direct replacements.

#### **SIXTH COLUMN - CLASS DESCRIPTION:**

This column gives a brief description of tube and its application, and will serve to identify the tube, as well as to differentiate between unlike types having the same number.

- 1- The description "Obsolete" does not imply that such a type is no longer used in Service equipment, but that it will not be manufactured.
- 2- The words "Similar To" denote those types which have similar electrical characteristics, but because of basing, heater voltage, physical size, etc., are not listed as "Nearest Equivalent".
- 3- "Equivalent To" indicates tube types which are mechanically interchangeable, and in most cases should serve as replacement without requiring any circuit change. However, metal tubes should not be used in place of glass tubes where the number one pin of the socket is used for purpose other than grounding.
- 4- "Nearest Equivalent" indicates the tube type which is the nearest of the "Equivalent To" tubes to the basic tube type listed.

### **DATA PERTINENT TO THIS SECTION**

1. There has been considerable misunderstanding throughout the Service as to the relationship between tubes branded G, GT and GT/G. For that reason the following explanation is given:

- a. The GT/G group of tubes was manufactured primarily for civilian consumption in equipment built for civilian use. Because of a similarity in electrical characteristics of certain G and GT types, which makes interchangeability generally possible, the tube manufacturers discontinued manufacturing the G type and thereafter branded the GT "GT/G". The replacement of "G" tubes with the "GT/G" type in Service equipments may be possible, but should first be determined practical by those responsible for the operation of the equipment. In physical size the "GT" is smaller than the "G".
- b. The "GT/G" tube is the same, electrically and mechanically, as the "GT" tube; the only difference being the diagonal and the letter "G" added to the type number. Therefore, the "GT/G" and "GT" tubes with corresponding numerals are interchangeable in equipments and can be placed together in stock piles, etc. The correct Service designation will be "GT" in the future.

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## FOREWORD

2. The letter "W" immediately following the last number combination in a tube type designation indicates tube equivalent in performance to its prototype except that it is better suited to withstand shock and vibration. It can be used in the same socket but may be of different overall physical dimensions and may necessitate different tube clamps.

3. Tubes having type approval under the JAN-1A Specification are marked as follows: JAN-CYZ-6H6. This indicates that the tube is a Type Approved tube having the commercial type number 6H6 and procured under the JAN-1A Specification from a manufacturer having the Type Approval code designation CYZ. In the case of miniature, acorn, and other small tubes having type approval, the marking will be abbreviated as follows: "JXY-Type No." EXAMPLE: JXY-9002.

All tubes procured from manufacturers not having type approval on that specific type of tube, but otherwise meeting all requirements of the JAN-1A Specification are designated as follows: "JAN-Type No." EXAMPLE: JAN-6H6.

### LISTING BY VT NUMBERS

A cross-index listing between Army "VT" numbers and commercial tube type designations is provided in this Catalog Section on pages 121 and 122.

### EXPLANATION OF LISTING SEQUENCE

1. Disregarding any prefix letters, the first number appearing in the type designation is the first criterion used to determine the location of the tube type in the list.

EX: CE1 precedes BS2; 5AP4 precedes C6A; 25A6 precedes HF100; 211 precedes 931A.

2. The prefix letters have the second priority in determining the location of the tube type. The tube types which bear prefix letters are placed in alphabetical order after the primary sort (Paragraph 1) has been determined.

EX: CE3D precedes 3-38A; FA6 precedes G6; K7T2 precedes WE7A.

3. A number again determines the next sequence; the second number appearing immediately after the first numeral designation has the third priority.

EX: 3-25A3/25T precedes 3AP11; 2-240 precedes 2-250A/250R; 5-4 precedes 5AP4.

4. The letters following the first number have the fourth priority.

EX: 2K34 precedes 2P22; 7H4 precedes 7Z4; 220B precedes 220CA.

5. The number following the first letter suffix has the fifth priority.

EX: 3B24 precedes 3B29; 5Y3GT precedes 5Y4GT; 7F7 precedes 7F8.

6. The letter following the second number bears the sixth preference.

EX: 1B4G precedes 1B4P/951; 3BP1A precedes 3BP1W.

7. The type number listing sequence which is used in this Catalog Section is identical to that which is used for the assignment of Standard Navy Stock Numbers; therefore, the stock numbers which appear in column two will also be found in numerical order.

### HOW TO ORDER

IN ORDERING ANY ITEM LISTED IN THIS CATALOG:

#### SPECIFY

- Standard Navy Stock Number (the complete prefix N16-T- for all stock numbers MUST be included with the stock number)
- Standard Item name (TUBE, ELECTRON)
- Quantity required in terms of Unit of Issue (the unit of issue will be "each" for all items listed in this Section, unless otherwise specified).

IN ORDERING ANY ITEM FOR WHICH A STANDARD NAVY STOCK NUMBER CANNOT BE DETERMINED THROUGH USE OF THIS OR OTHER SECTIONS OF THE CATALOG:

#### SPECIFY

- Item name
- Complete description
- Equipment and component application with circuit symbol designation
- All known manufacturers and contractors type, part and/or drawing numbers
- All governmental specifications, type and stock numbers known for the requisitioned item

### SUGGESTIONS

Comments concerning corrections or additions to this publication should be addressed to the Electronic Supply Officer, Electronic Supply Office, Building 2B, Great Lakes, Illinois, Attention Code 7; or to the Bureau of Ships, Code 836, Washington, D.C.

**CROSS INDEX OF ELECTRON TUBE TYPES**

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
AD-----			1V-----		See 1V.
AF-----			82-----		See 82.
AG-----			83-----		See 83.
AMP-VR-----			8H/8H/3-----		See 8H/8H/3.
BA-----	N16-T-50000-----		BA-----		Obsolete, superseded by CK1009/BA.
BH-----	N16-T-50010-----		BH-----		Receiving diode gaseous rectifier.
BR-----	N16-T-50020-----		BR-----		Receiving diode gaseous rectifier (obsolete).
BUPI-----			1N30-----		See 1N30.
DX-----			DX-----		Dry system oven.
FNH-----			6A3 Special-----		Special type 6A3.
GL-----			1B32/532A-----		See 1B32/532A.
K-O-----			2J23-29-----		UHF oscillator, see 2J23-29.
LA-----			6A4/LA-----		See 6A4/LA.
LVX-----			2J42-----		See 2J42.
Navy Type A-----			C1A-----		See C1A.
Navy Type B-----			C5A-----		See C5A.
Navy Type C-----			C6A-----		See C6A.
OOA-----			OOA-----	200A-----	Receiving triode detector-Casium vapor type (obsolete).
OSGLIW-----			CV71-----		See CV71.
PZ-----			47-----		See 47.
PZH-----			2A5-----		See 2A5.
SA-----	N16-T-50025-----		SA-----		Gas switching tube.
SB-----	N16-T-50025-20-----		SB-----		Gas switching tube.
SC-----	N16-T-50025-30-----		SC-----		Gas switching tube.
XP-----			CV74-----		See CV74.
XXB-----	N16-T-50027-----		XXB-----		Receiving twin triode frequency converter.
XXD-----	N16-T-50030-----		14AF7-----		Receiving lock in type twin triode.
XXFM-----	N16-T-50040-----		7X7/XXFM-----	7X7-----	Receiving twin diode triode.
XXF-----			7X7/XXFM-----		See 7X7/XXFM.
XXL-----	N16-T-50050-----		XXL-----		Receiving lock in type triode (very similar to 7A4).
D1/2-----			81-----		See 81.
BL1-----			BL1-----		Gas switching tube (IR).
BS1-----	N16-T-51020-----		BS1-----	150N, 1B30, 150NA, 62016	Beta-Gamma counter tube.
C1A-----	N16-T-51030-----	F	C1A-----	CEC1A, ELC1A, GLC1A, Navy type A, WX3169.	Grid controlled gas rectifier.
C1B-----			3C31/C1B-----	CE303, ELC1B-----	See 3C31/C1B.
C1B/A-----			5664-----		See 5664.
C1J-----			C1J-----		Grid controlled rectifier.
C1J/A-----			5683-----		See 5683.
CE1-----			CE1A/B,C,D,E,V-----		Gas phototube, see CE1C, CE1D, CE1E, CE1V, and PG-94.
CE1A/B-----			CE1A/B-----		Gas phototube.
CE1C-----			918-----		See 918.
CE1D-----			868-----		Phototube, See 868.
CE1E-----	N16-T-51035-----		868-----		Phototube.
CE1RBL-----			1RBL-----		See 1RBL.
CE1RBS-----			1RBS-----		See 1RBS.
CE1V-----					Vacuum phototube-See PJ22.
CE1VC-----			PJ22-----		See PJ22.
CEC1A-----			C1A-----		See C1A.
CV1V-----			PG-94-----		Gas phototube.
D1-----			VR78(Br.)-----		See VR78(Br.).
DE1-----			27-----		See 27.
EL1C-----			3B22-----	CE222, 1C, 38405-----	See 3B22.
ELC1A-----			C1A-----		See C1A.
ELC1B-----			3C31/C1B-----		See 3C31/C1B.
FE1-----			FE1-----		Improved 1B42.
GI-----					Gas phototube.
GCI-7-----	N16-T-51036-----		GCI-7-----		Geiger-Mueller counter tube.
GL-1P29/401-----			1P29-----		See 1P29.
GLC1A-----			C1A-----		See C1A.
GM-W142-----	N16-T-51037-----		GM-WK140D2-----		Geiger-Mueller counter tube.
GM-W1420-----	F16-T-51037-50-----		GM-WK140D20-----		Geiger-Mueller counter tube.
GMH-WK140D10-----	N16-T-51038-----		GMH-WK140D10-----		Geiger-Mueller counter tube.
GMH-WK140D10A-----	N16-T-51038-30-----		GMH-WK140D10A-----		Geiger-Mueller counter tube.
GMH-WK140D10D-----	N16-T-51038-45-----		GMH-WK140D10D-----		Geiger-Mueller counter tube.
J1-----			2J22-----		See 2J22.
J1RF-----			2J22-----	J-1-714-----	See 2J22.
KC1-----			KC1-----		Special purpose diode vacuum rectifier.
LM1-----	N16-T-51038-60-----		LM1-----		Lamp.
Mark 1, Mod 10-----			Mark 1, Mod 10D-----	Mark 1, Mod 10D-----	Beta-Gamma counter tube (outdoor type).
Mark 1, Mod 10A-----			Mark 1, Mod 10A-----		Beta-Gamma counter tube (indoor type).



## CROSS INDEX OF ELECTRON TUBE TYPES

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
Mark I, Mod 10D			Mark I, Mod 10D	Mark I, Mod 10-----	Beta-Gamma counter tube (outdoor type).
WL1E-----	N16-T-51039----		WL1E-----	-----	Rectifier (medical & surgical.)
WL1-K-----	N16-T-51040----		WL1-K-----	-----	X-ray tube.
NR0001M-----			REL53-----	-----	See REL53.
NUL-----			-----	-----	See CEL.
NULRBL-----			1RBL-----	-----	See 1RBL.
NULRBS-----			1RBS-----	-----	See 1RBS.
NULV-----			-----	59AV, V9, CELV, WL734	Vacuum phototube-See PJ22.
01-----			01-----	20,1301-----	Receiving triode detector amplifier (obsolete).
01A-----	N16-T-51050----		01A-----	501A, UX201A, 38001, 301A, Deforest 401A.	Receiving triode detector amplifier (obsolete). See SE4374.
REL-----			80-----	-----	See 80.
REL1-----			VT90(Br.)/8011- VT90(Br.), 10E/97, WL538, WE710A, 8011	-----	See VT90(Br.)/8011.
TGCI-----	N16-T-51052----		1B83-----	1B83-----	Beta-Gamma counter tube.
TT1-----	N16-T-51055----		R6212A-----	-----	See R6212A.
V1-----			-----	-----	Vacuum phototube.
1-----			1-----	-----	Obsolete, superseded by 1V.
1-15-----	N16-T-51060----		1-15-----	-----	Ballast tube.
1A1-----	N16-T-51075----		1A1-----	-----	Ballast tube.
1A3-----	N16-T-51109----	F	1A3-----	-----	Receiving miniature type HF diode.
1A4-----			1A4-----	-----	Receiving tetrode amplifier (replace with 1A4P).
1A4P-----	N16-T-51110----		1A4P-----	-----	Receiving pentode amplifier (nearest equivalent is 34).
1A4T-----	N16-T-51115----		1A4T-----	-----	Receiving tetrode amplifier (obsolete, replace with 1A4P).
1A5G-----			1A5G-----	-----	See 1A5GT/G-Replace with 1A5GT/G.
1A5GT-----		F	1A5GT/G-----	-----	See 1A5GT/G.
1A5GT/G-----	N16-T-51125----		1A5GT/G-----	-----	Receiving pentode power amplifier (similar to 1Q5GT, 1T5GT, 1C5GT).
1A6-----	N16-T-51130----		1A6-----	-----	Receiving pentagrid converter-Obsolete (similar to 1C6).
1A7G-----			1A7G-----	-----	See 1A7GT--Replace with 1A7GT.
1A7GT-----	N16-T-51145----	E	1A7GT-----	-----	Receiving pentagrid converter (similar to 1B7GT).
1A85-----	N16-T-51150----		1A85-----	SD 719-----	Receiving lock in type pentode amplifier.
1AC4-----			1AC4-----	-----	Subminiature twin diode.
1AC5-----			1AC5-----	-----	Receiving subminiature pentode.
1AD4-----	N16-T-51152----		1AD4-----	QF408-----	Receiving subminiature pentode.
1AD5-----			1AD5-----	-----	Receiving subminiature pentode.
1AE4-----			1AE4-----	-----	Pentode voltage amplifier.
1AE5-----			1AE5-----	QF409-----	Receiving subminiature mixer.
1AF4-----	N16-T-51154----		1AF4-----	-----	Miniature receiving pentode.
1AF5-----	N16-T-51154-10-		1AF5-----	-----	Miniature receiving diode pentode.
1AP5-----	N16-T-51170----		1AP5-----	-----	Cathode ray (similar to type 913 with P-5 screen).
1B1-----	N16-T-51200----	F	1B1-----	-----	Ballast tube.
1B3GT-----			1B3GT/8016-----	-----	See 1B3GT/8016.
1B3GT/8016-----	N16-T-51203----		1B3GT/8016-----	1B3GT, R6159A-----	Transmitting diode vacuum rectifier (replaces 8016).
1B4-----			1B4-----	-----	Obsolete, see 1B4P.
1B4G-----			1B4G-----	-----	Obsolete, see 1B4P.
1B4P-----	N16-T-51204----		1B4P-----	951, 1B4P/951-----	Receiving pentode amplifier (obsolete. Replace with 32; similar to 1E5GP, 1E5GT).
1B4P/951-----	N16-T-51204----		1B4P-----	951-----	Receiving pentode amplifier (obsolete. Replace with 32 similar to 1E5GP, 1E5GT).
1B4T-----			1B4P-----	-----	Obsolete, see 1B4P.
1B5-----			1B5/25S-----	-----	See 1B5/25S.
1B5/25S-----	N16-T-51205----		1B5/25S-----	1B5, 25S-----	Receiving duodiode triode (obsolete).
1B7G-----	N16-T-51207----		1B7G-----	-----	See B7GT/G.
1B7GT-----	N16-T-51208----		1B7GT-----	-----	Receiving pentagrid converter (similar to 1A7GT).
1B9GT-----			1B9GT-----	-----	Receiving diode triode pentode.
1B21-----			471-----	GL471-----	Superseded by 1B21A (471A).
1B21A-----			471A-----	GL471A-----	Gas switching tube (TR), see 471A.
1B22-----	N16-T-51222----		1B22-----	WE1378X-----	Spark gap diode modulator.
1B23-----	N16-T-51223----	D	1B23-----	729A, WE729A-----	Gas switching tube (will replace 702B with modification kit).
1B24-----	N16-T-51224----	F	1B24-----	WX3199, X6011, REL30-----	Gas switching tube (TR).
1B24A-----	N16-T-51224-10-		1B24A-----	-----	Gas switching tube.
1B25-----	N16-T-51225----		1B25-----	S853-----	Gas switching tube.
1B26-----	N16-T-51226----	D	1B26-----	X6010, WX3210-----	Gas switching tube (TR).
1B27-----	N16-T-51227----	B	1B27-----	X6013-----	Gas switching tube (TR).

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
1B28-----	N16-T-51228----		1B28-----	X6012-----	Gas switching tube.
1B29-----	N16-T-51229----		1B29-----	1437GT-----	Gas switching tube.
1B30-----			1B30-----	ZG530-----	Gas switching tube.
1B31-----	N16-T-51231----		1B31-----	1391Z-----	Gas switching tube.
1B32-----			1B32/532A-----		See 1B32/532A
1B32/532A-----	N16-T-51233----		1B32/532A-----	GA-4, GA5A, GA-5, GL532A, WL532A.	Diode gas discharge tube.
1B33-----			1B33-----		Gas switching tube.
1B34-----	N16-T-51234----		1B34-----	WX3226-----	Spark gap diode modulator.
1B35-----	N16-T-51235----	F	1B35-----	ZG626, X6031-----	Gas switching tube (anti-TR).
1B36-----	N16-T-51236----		1B36-----	ZG627, X6015-----	Gas switching tube (anti-TR).
1B37-----	N16-T-51237----		1B37-----	ZG629-----	Gas switching tube (anti-TR).
1B38-----	N16-T-51238----	C	1B38-----	ZG645-----	Gas switching tube (pre-TR).
1B39-----			1B39-----	WL539A-----	Gas switching tube.
1B40-----	N16-T-51240----		1B40-----	SD947A-----	Gas switching tube (TR).
1B41-----	N16-T-51241----		1B41-----	WX3240-D-----	Series spark gap diode modulator.
1B42-----	N16-T-51242----	E	1B42-----	D170135, 1439GT-----	Mercury cathode series gap.
1B43-----	N16-T-51243----		1B43-----	SC929-----	Gas switching tube.
1B44-----	N16-T-51244----		1B44-----	ZG610-----	Gas switching tube (ATR).
1B45-----	N16-T-51245----	E	1B45-----	WX3240B-----	Gas switching tube.
1B46-----	N16-T-51246----		1B46-----	R1160A, 1B46/R1160A--	Miniature voltage regulator.
1B46/R1160A-----			1B46-----		See 1B46.
1B47-----	N16-T-51247----		1B47-----		Miniature type voltage regulator.
1B48-----	N16-T-51248----		1B48-----	CK1011A-----	Cold cathode miniature gas diode rectifier.
1B49-----			1B49-----	WX3240G-----	Gas switching tube.
1B50-----	N16-T-51250----	E	1B50-----	X6032-----	Gas switching tube (TR).
1B51-----	N16-T-51251----	E	1B51-----	X6033-----	Gas switching tube (anti-TR).
1B52-----	N16-T-51252----		1B52-----		Gas switching tube (ATR).
1B53-----	N16-T-51253----	D	1B53-----		Gas switching tube (ATR).
1B54-----	N16-T-51254----	D	1B54-----	X6036-----	Gas switching tube (pre-TR).
1B55-----	N16-T-51255----		1B55-----	ZG525, X6034-----	Gas switching tube (TR).
1B56-----	N16-T-51256----	F	1B56-----		Gas switching tube (anti-TR).
1B57-----	N16-T-51257----		1B57-----		Gas switching tube (ATR).
1B58-----	N16-T-51258----		1B58-----		Gas switching tube.
1B59-----	N16-T-51259----		1B59-----	1B59/R1130B-----	Cold cathode crater-glow modulator tube.
1B59/R1130B-----			1B59-----		See 1B59.
1B60-----	N16-T-51260----		1B60-----		Lightweight version of 1B24 (TR).
1B62-----	N16-T-51262----		1B62-----		Modified 721B (TR).
1B63-----	N16-T-51263----	A	1B63-----		Gas switching tube (TR), Replace with 1B63A.
1B63A-----	N16-T-51263-10-	A	1B63A-----	X-6044-----	Gas switching tube (TR).
1B64-----	N16-T-51264----		1B64-----		Diode voltage regulator.
1B67-----			1B67-----	1B67/VG10A-----	Counter tube, Beta-Gamma.
1B67/VG10A-----			1B67-----		See 1B67.
1B68-----	N16-T-51268----		1B68-----	VG-13, G-11, K-11-----	Beta-Gamma counter tube.
1B69-----			1B69-----	1E, 62005-----	Gamma counter tube.
1B70-----			1B70-----	1W, 62006-----	Gamma counter tube.
1B71-----			1B71-----	4E, 62007-----	Gamma counter tube.
1B72-----			1B72-----	4W, 62008-----	Gamma counter tube.
1B73-----			1B73-----	10E, 62009-----	Gamma counter tube.
1B74-----			1B74-----	10W, 62010-----	Gamma counter tube.
1B75-----			BS-6-----	62011, BS-6, 100C-----	Beta-Gamma counter tube.
1B76-----			1B76-----	100N, 62012-----	Beta-Gamma counter tube.
1B77-----			1B77-----	120C, 62013-----	Beta-Gamma counter tube.
1B78-----			1B78-----	150C, 62014-----	Beta-Gamma counter tube.
1B79-----			1B79-----	150W, 62015-----	Beta-Gamma counter tube.
1B80-----			BS-1-----	150NA, 62016, BS-1, 150N-----	Beta-Gamma counter tube.
1B81-----			1B81-----	200C, 62017-----	Alpha-Beta-Gamma counter tube.
1B83-----			1B83-----	TGC-1-----	Beta-Gamma counter tube.
1B84-----			1B84-----	TGC-2-----	Beta-Gamma counter tube.
1B85-----			1B85-----		Beta-Gamma counter tube.
1B87-----			1B87-----	VXG-11-----	Gamma counter tube.
1B90-----			1B90-----		Beta-Gamma counter tube.
1B97-----			1B97-----		Counter tube.
1B98-----			1B98-----		Counter tube.
1B99-----			1B99-----		Counter tube.
1B100-----			1B100-----		Counter tube.
1B105-----			1B105-----		Counter tube.
1C-----			3B22-----	EL1C, 3B405-----	See 3B22.
1C3-----			1C3-----		Triode voltage amplifier.
1C4-----	N16-T-51302----		1C4-----		Receiving pentode amplifier-similar to 1A4P (Australian).
1C5G-----	N16-T-51304----		1C5G-----		See 1C5GT/G-Replace with 1C5GT/G.
1C5GT-----			1C5GT/G-----		See 1C5GT/G.

## CROSS INDEX OF ELECTRON TUBE TYPES

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
1C5GT/G-----	N16-T-51305----		1C5GT/G-----		Receiving pentode amplifier (similar to 1Q5GT, 1T5GT, 1A5GT).
1C6-----	N16-T-51306----	E	1C6-----		Receiving pentagrid converter (similar to 1A6).
1C7G-----	N16-T-51307----	E	1C7G-----		Receiving pentagrid converter (similar to 1D7G) (Type 1C6 characteristics).
1C8-----	N16-T-51308----		1C8-----		Subminiature filamentary type triode heptode converter.
1C21-----	N16-T-51321----		1C21-----	RCA--R6160----	Cold cathode gas triode.
1D1-----	N16-T-51350----		1D1-----		Ballast tube.
1D2-----			1D2-----		Receiving current regulator.
1D3-----			1D3-----	SD1066A----	Receiving subminiature triode.
1D4G-----			1D4G-----		Receiving RF pentode (Australian).
1D4GT-----			1D4GT-----		Receiving RF pentode (Australian).
1D5G-----			1D5G-----		Receiving pentode amplifier, see 1D5GP.
1D5GP-----	N16-T-51355----	F	1D5GP-----		Receiving pentode amplifier, (Nearest equivalent is 1D5G, similar to 1A4P and 1E5G.)
1D5GT-----	N16-T-51360----	F	1D5GT-----		Receiving tetrode amplifier (obsolete, replace with 1D5GP).
1D7G-----	N16-T-51370----		1D7G-----		Receiving pentagrid converter (similar to 1C7G) (type 1A6 characteristics).
1D9GT-----	N16-T-51380----	F	1D9GT-----		Receiving diode triode pentode.
1D21-----			631P1-----	1D21/631P1----	Cold cathode neon discharge tube--See 631P1.
1D21/631P1----			631P1-----		See 631P1.
1E-----	N16-T-51398----		1B69-----	62005, 1B69----	Gamma counter tube.
1E1-----	N16-T-51400----	F	1E1-----		Ballast tube, supersedes 1P1.
1E2-----			1E2-----		Receiving current regulator.
1E4G-----	N16-T-51404----		1E4G-----		Receiving triode amplifier (obsolete--similar to 1G4GT, 1H4G and 1E53).
1E5G-----	N16-T-51404-50-		1E5G-----		Receiving screen grid RF amplifier (similar to 1D5GP).
1E5GP-----	N16-T-51405----		1E5GP-----		Receiving pentode amplifier (type 1B4 characteristics).
1E5GT-----			1E5GT-----		Replace with 1E5GP.
1E7G-----	N16-T-51407----	F	1E7G-----		Receiving twin pentode amplifier.
1E8-----			1E8-----		Receiving subminiature converter.
1F4-----	N16-T-51440----		1F4-----		Receiving pentode amplifier (type 1F5G characteristics).
1F5G-----	N16-T-51450----		1F5G-----		Receiving pentode amplifier (type 1F4 characteristics).
1F6-----	N16-T-51460----		1F6-----		Receiving diode pentode amplifier (obsolete).
1F7G-----	N16-T-51470----		1F7G-----		Receiving duodiode pentode amplifier (Type 1F6 characteristics).
1F7GH-----			1F7GH-----		Receiving duodiode pentode (replace with 1F7G).
1F7GT-----			1F7GT-----		Receiving duodiode pentode (replace with 1F7G).
1F7GV-----	N16-T-51475----		1F7GV-----		Receiving duodiode pentode (replace with 1F7G).
1F7GY-----			1F7GY-----		Receiving duodiode pentode (replace with 1F7G).
1G1-----	N16-T-51501----		1G1-----		Receiving current regulator.
1G4G-----			1G4G-----		See 1G4GT/G--replace with 1G4GT/G.
1G4GT-----			1G4GT/G-----		See 1G4GT/G.
1G4GT/G-----	N16-T-51504----	F	1G4GT/G-----		Receiving triode detector amplifier (similar to 1E4G, 1H4G).
1G5G-----	N16-T-51505----		1G5G-----		Receiving pentode power amplifier (obsolete, similar to 1J5G).
1G6G-----			1G6G-----		See 1G6GT/G--Replace with 1G6GT/G.
1G6GT-----			1G6GT/G-----		See 1G6GT/G.
1G6GT/G-----	N16-T-51506----	F	1G6GT/G-----		Receiving twin triode amplifier.
1H4G-----	N16-T-51540----	F	1H4G-----		Receiving triode detector amplifier (similar to 30, 1E4G, 1G4GT).
1H5G-----	N16-T-51550----		1H5G-----		See 1H5GT/G--Replace with 1H5GT/G.
1H5GT-----			1H5GT/G-----		See 1H5GT/G.
1H5GT/G-----	N16-T-51555----		1H5GT/G-----		Receiving diode triode amplifier.
1H6G-----	N16-T-51560----	F	1H6G-----		Receiving duodiode triode (Type 1B5 characteristics).
1H7GT-----					Number originally assigned by RMA, then canceled.
1H20-----	N16-T-51565----		1H20-----		Ballast tube.
1H22-----	N16-T-51567----		1H22-----		Ballast tube.
1J1-----			1J1-----		Receiving current regulator.

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1J5G-----	N16-T-51620----		1J5G-----		Receiving pentode power amplifier (similar to 1G5G).
1J6G-----	N16-T-51630----	F	1J6G-----		Receiving twin triode amplifier (Type 19 characteristics).
1J6G-----			1J6GT-----		Modified version of 1J6G.
1J6GX-----	N16-T-51635----		1J6GX-----		Type 1J6G with ceramic base.
1K1-----	N16-T-51641----		1K1-----		Receiving current regulator.
1K4-----			1K4-----		Receiving duodiode pentode amplifier (Australian) (Type 1K5G characteristics).
1K5G-----			1K5G-----		Receiving duodiode pentode amplifier (Australian).
1K6-----			1K6-----		Australian.
1L1-----			1L1-----		Receiving current regulator.
1L4-----	N16-T-51650----	F	1L4-----		Miniature type pentode amplifier.
1L6-----			1L6-----		Receiving miniature converter.
1LA4-----	N16-T-51655----		1LA4-----		Receiving lock in type pentode amplifier (Type 1A5G characteristics).
1LA6-----	N16-T-51660----		1LA6-----		Receiving lock in type pentagrid converter (similar to 1LC6 and 1A7G).
1LB4-----	N16-T-51665----		1LB4-----		Receiving lock in type pentode power amplifier (similar to 1LA6).
1LB6-----			1LB6-----	1LB6GL-----	Receiving lock in type pentagrid mixer. See 1LB6.
1LB6GL-----			1LB6-----		
1LC5-----	N16-T-51669----		1LC5-----		Receiving lock in type pentode amplifier.
1LC6-----	N16-T-51670----	D	1LC6-----		Receiving lock in type pentagrid converter (similar to 1LA6).
1LD5-----	N16-T-51675----		1LD5-----		Receiving lock in type diode pentode amplifier.
1LE3-----	N16-T-51680----	E	1LE3-----		Receiving lock in type triode amplifier.
1LE3 SP/VT239--			1LE3 SP/VT239--		Superseded by 1LF3.
1LF3-----	N16-T-51692----		1LF3-----		1LE3 with low grid current limits.
1LG5-----			1LG5-----		Receiving lock in type voltage amplifier.
1LH4-----	N16-T-51695----	F	1LH4-----		Receiving lock in type diode triode detector amplifier (type 1H5G characteristics).
1LN5-----	N16-T-51670----	F	1LN5-----		Receiving lock in type pentode amplifier.
1M-----			1B70-----	62006, 1B70-----	Gamma counter tube.
1N-----			1N-----		Gamma counter tube.
1N1-----			1N1-----		Receiving current regulator.
1N5G-----	N16-T-51705----	F	1N5G-----		See 1N5GT/G - Replace with 1N5GT/G.
1N5GT-----			1N5GT/G-----		See 1N5GT/G.
1N5GT/G-----	N16-T-51706----		1N5GT/G-----		Receiving pentode amplifier.
1N6G-----	N16-T-51716----		1N6G-----		Receiving diode pentode power amplifier (obsolete).
1N6GT-----	N16-T-51717----		1N6GT-----		Receiving diode pentode power amplifier.
1N21-----	N16-T-51721----	D	1N21-----	D163366, R7011-----	Crystal rectifier (replace with 1N21B) - obsolete.
1N21A-----	N16-T-51721-5--	D	1N21A-----	D168355-----	Crystal rectifier (replace with 1N21B) - obsolete.
1N21B-----	N16-T-51721-10-	D	1N21B-----	D169113-----	Crystal rectifier.
1N21C-----	N16-T-51721-15-		1N21C-----		Selected 1N21B.
1N22-----	N16-T-51722----	D	1N22-----	D164339-----	Crystal rectifier (replace with 1N21B).
1N23-----	N16-T-51723----	D	1N23-----	D163356-----	Crystal rectifier (replace with 1N23B).
1N23A-----	N16-T-51723-5--	D	1N23A-----	D169304-----	Crystal rectifier.
1N23B-----	N16-T-51723-10-	D	1N23B-----	D169305-----	Crystal rectifier.
1N24-----	N16-T-51724----	D	1N24-----	X6020-----	Crystal rectifier.
1N25-----	N16-T-51725----	D	1N25-----	D170247-----	Crystal rectifier.
1N26-----	N16-T-51726----		1N26-----	X6021, D163707-----	Crystal rectifier.
1N27-----	N16-T-51727----		1N27-----		Crystal rectifier.
1N27A-----	N16-T-51727-50-	A	1N27A-----		Crystal rectifier.
1N28-----	N16-T-51728----	A	1N28-----	D163030-----	Crystal rectifier.
1N29-----	N16-T-51729----		1N29-----		Crystal rectifier.
1N30-----	N16-T-51730----		1N30-----	BUPX-----	Crystal rectifier.
1N31-----	N16-T-51731----		1N31-----	D171936-----	Crystal rectifier.
1N32-----	N16-T-51732----		1N32-----		Crystal rectifier - Nearest equivalent 1N27.
1N33-----	N16-T-51733----		1N33-----	V-1000, R7013-----	Crystal rectifier.
1N34-----	N16-T-51734----	D	1N34-----		Germanium crystal rectifier.
1N34A-----	N16-T-51734-10-		1N34A-----		Germanium crystal rectifier.
1N35-----	N16-T-51735----		1N35-----		Duodiode germanium crystal rectifier.
1N33-----	N16-T-51738----		1N33-----	R7113-----	Germanium crystal diode.
1N39-----	N16-T-51739----		1N39-----		Germanium crystal diode.
1N40-----	N16-T-51740----	D	1N40-----	V301-----	Germanium crystal diode.

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1N41-----	N16-T-51741----		1N41-----		Germanium crystal diode.
1N42-----	N16-T-51742----		1N42-----		Germanium crystal diode.
1N43-----	N16-T-51743----		1N43-----	400A-----	Germanium crystal diode.
1N44-----	N16-T-51744----		1N44-----	400B-----	Germanium crystal diode.
1N45-----	N16-T-51745----		1N45-----	400C-----	Germanium crystal diode.
1N46-----	N16-T-51746----		1N46-----	400D-----	Germanium crystal diode.
1N47-----	N16-T-51747----		1N47-----		Germanium crystal diode.
1N49-----			1N49-----	32C406G5-----	Western Electric equivalent of 1N33.
1N49-----			1N49-----	32C406G5A-----	Germanium crystal rectifier.
1N50-----			1N50-----	32C406G5B-----	Germanium crystal rectifier.
1N51-----			1N51-----	32C406G5C-----	Germanium crystal rectifier.
1N52-----			1N52-----	32C406G5D-----	Germanium crystal rectifier.
1N53-----	N16-T-51753----		1N53-----	X7103-----	Crystal rectifier (Silicon).
1N54-----	N16-T-51754----		1N54-----		Germanium crystal rectifier.
1N55-----			1N55-----		Germanium crystal rectifier.
1N56-----			1N56-----		Germanium crystal rectifier.
1N57-----			1N57-----		Germanium crystal rectifier.
1N58-----			1N58-----		Germanium crystal rectifier.
1N59-----			1N59-----		Germanium crystal rectifier.
1N60-----			1N60-----		Germanium crystal rectifier.
1N61-----			1N61-----		Germanium crystal rectifier.
1N62-----			1N62-----		Germanium crystal rectifier.
1N63-----	N16-T-51763----		1N63-----	32C406G5E-----	Germanium crystal rectifier.
1N64-----			1N64-----		Germanium crystal detector.
1N65-----			1N65-----		Germanium crystal detector.
1N67-----			1N67-----		Germanium crystal rectifier.
1N70-----			1N70-----		Germanium crystal rectifier.
1P1-----			1P1-----		Ballast tube replace with 1B1.
1P52-----	N16-T-51303----		1P52-----		See 1P5GT/G - Replace with 1P5GT/G.
1P53T-----			1P53T/G-----		See 1P5GT/G.
1P5GT/G-----	N16-T-51305----		1P5GT/G-----		Receiving pentode amplifier.
1P21-----	N16-T-51321----	F	1P21-----		Vacuum multiplier phototube (selected 931A).
1P22-----	N16-T-51322----		1P22-----	C7104-----	Vacuum multiplier phototube.
1P23-----	N16-T-51323----	F	1P23-----	GL-553-----	Gas phototube (869/PJ23 with painted envelope).
1P24-----	N16-T-51324----		1P24-----	GL-564, C7063-----	Vacuum phototube (nearest equivalent is 936).
1P25-----	N16-T-51325----		1P25-----	C7493, C73011, 1-B13-----	Infrared sensitive image tube.
1P25A-----	N16-T-51325-5----		1P25A-----		Infrared sensitive image tube.
1P25G-----	N16-T-51325-20-----		1P25G-----		Infrared image tube.
1P23-----	N16-T-51323-----		1P23-----		Phototube (ultraviolet responsive 931A).
1P29-----	N16-T-51329----		1P29-----	FG401, GL-1P29/401, FJ401-----	Gas phototube.
1P30-----	N16-T-51330----		1P30-----	CE2C, 71A3-----	Gas phototube (red, infrared sensitive).
1P31-----	N16-T-51331----	E	1P31-----	CE3D, WE3A, 79A4, G10-----	Gas phototube.
1P32-----	N16-T-51332----		927-----	CE25C, 51A3-----	Gas phototube.
1P33-----	N16-T-51333----		1P33-----	CE26D-----	Gas phototube (red, infrared sensitive).
1P34-----	N16-T-51334----		1P34-----	CE48-----	Gas phototube.
1P35-----	N16-T-51335----		1P35-----	1P35/52A3-----	Gas phototube (red, infrared sensitive).
1P35/52A3-----			1P35-----		See 1P35.
1P36-----	N16-T-51336----		1P36-----	53A3, CE4C-----	Gas phototube (red, infrared sensitive).
1P37-----	N16-T-51337----		1P37-----	C7106-----	Phototube.
1P38-----	N16-T-51338----		1P38-----		Photo electric cell.
1P39-----	N16-T-51339----		1P39-----		Vacuum phototube, blue sensitive.
1P40-----	N16-T-51340----		1P40-----		Gas phototube, infrared sensitive.
1P41-----	N16-T-51341----		1P41-----		Gas phototube, infrared sensitive (recommended in lieu of 924 in new designs).
1P42-----	N16-T-51342----		1P42-----		Vacuum phototube, blue sensitive.
1Q1-----			1Q1-----		Receiving current, regulator.
1Q5G-----			1Q5G-----		See 1Q5GT/G-Replace with 1Q5GT/G.
1Q5GT-----			1Q5GT/G-----		See 1Q5GT/G.
1Q5GT/G-----	N16-T-51355----		1Q5GT/G-----		Receiving pentode power amplifier (similar to 1Q5GT, 1T5GT, 1A5GT).
1Q6-----	N16-T-51360----		1Q6-----		Subminiature filamentary type diode pentode detector amplifier.
1Q21-----	N16-T-51364----		1Q21-----		Reference cavity.
1Q21-26-----			1Q21-26-----		Hexon cavity-Electron tube stabilizers of different frequencies.
1Q22-----	N16-T-51365----		1Q22-----		Reference cavity.
1Q23-----	N16-T-51366----		1Q23-----		Reference cavity.
1Q24-----	N16-T-51367----		1Q24-----		Reference cavity.
1Q25-----	N16-T-51368----		1Q25-----		Reference cavity.
1Q26-----	N16-T-51367----		1Q26-----		Reference cavity.
1R4-----	N16-T-51330----	F	1R4-----		Receiving lock-in type UHF diode detector rectifier.

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1R4/1294-----	N16-T-51933----	F	1R4/1294-----	1294-----	Receiving lock-in type UHF diode detector rectifier.
1R5-----	N16-T-51390----	F	1R5-----	-----	Receiving miniature type pentagrid converter.
1R6-----	-----	-----	1R6-----	RTS-99, VC1562-----	Miniature filamentary reactance modulator.
1R21-----	-----	-----	1R21-----	GL415-----	Mercury pool rectifier ignitron.
1R8L-----	-----	-----	-----	CE1R3L, NU1R3L-----	Phototube-same as NU-1 except for basing
1R83-----	-----	-----	-----	59AP, 31, CE1R83, NU1R83-----	Phototube-same as NU-1 except for basing
1S-----	-----	-----	-----	GL3, 59AR, 4G3W, CE1S, NU1S-----	Phototube-same as NU-1 except for basing.
1S1G-----	-----	-----	1S1G-----	-----	Receiving current regulator.
1S4-----	N16-T-51904----	F	1S4-----	-----	Miniature type pentode power amplifier.
1S5-----	N16-T-51905----	F	1S5-----	-----	Miniature type diode pentode detector.
1S6-----	-----	-----	1S6-----	-----	Receiving subminiature diode pentode.
1S21-----	N16-T-51905-50-	F	1S21-----	GL-34A-----	Vacuum switch.
1S22-----	-----	-----	1S22-----	-----	Vacuum switch.
1SA6GT-----	N16-T-51906----	-----	1SA6GT-----	-----	Receiving r-f, pentode.
1SB6GT-----	N16-T-51916----	-----	1SB6GT-----	-----	Receiving diode pentode.
1T1G-----	-----	-----	1T1G-----	-----	Receiving current regulator.
1T4-----	N16-T-51940----	F	1T4-----	-----	Miniature type pentode amplifier.
1T5GT-----	N16-T-51955----	-----	1T5GT-----	-----	Receiving tetrode power amplifier (similar to 1Q5GT, 1C5GT, 1A5GT).
1T6-----	-----	-----	1T6-----	-----	Receiving subminiature diode pentode.
1U1-----	-----	-----	1U1-----	-----	Receiving current regulator.
1U4-----	N16-T-51970----	-----	1U4-----	DT153-----	Miniature version of 1LN5 pentode.
1U5-----	N16-T-51972----	-----	1U5-----	-----	Miniature type diode pentode.
1U6-----	N16-T-51973----	-----	1U6-----	-----	Miniature pentagrid converter.
1V-----	N16-T-51930----	D	1V-----	623-----	Receiving diode rectifier.
1V2-----	-----	-----	1V2-----	-----	Half wave rectifier.
1V5-----	N16-T-51983----	-----	1V5-----	-----	Subminiature filamentary type pentode amplifier.
1W1-----	-----	-----	1W1-----	-----	Ballast tube.
1W4-----	-----	-----	1W4-----	-----	Pentode power amplifier.
1W5-----	N16-T-51934----	-----	1W5-----	SD329F-----	Subminiature filamentary type pentode amplifier.
1X2-----	N16-T-51984-50-	-----	1X2-----	-----	Miniature half wave high voltage rectifier (replaces 1B3GT/501A).
1Y1-----	N16-T-51935----	-----	1Y1-----	-----	Receiving current regulator.
1Y2-----	N16-T-51936----	-----	1Y2-----	-----	High voltage halfwave rectifier.
1Z1-----	N16-T-51939----	-----	1Z1-----	-----	Ballast tube.
1Z2-----	N16-T-51990----	F	1Z2-----	R1045-----	Receiving-miniature type diode vacuum rectifier.
A2-----	N16-T-51992----	-----	A2-----	-----	Diffraction tube (copper target).
ARD2-----	-----	-----	-----	VR78(Br.)-----	See VR78(Br.).
B2A-----	-----	-----	-----	2050-----	See 2050.
BL2-----	-----	-----	BL2-----	-----	Gas switching tube (TR).
BS2-----	N16-T-51993----	-----	BS2-----	151M, 151NA-----	Gamma counter tube.
CE2-----	-----	-----	-----	CE2A/B, C, D-----	Phototube-See CE2C.
CE2A/B-----	-----	-----	CE2A/B-----	-----	Phototube.
CE2C-----	N16-T-51995----	-----	CE2C-----	1P30-----	Gas phototube-See 1P30.
CE2D-----	-----	-----	CE2D-----	71A3-----	Phototube.
CE-2V-----	-----	-----	2V-----	-----	See 2V.
D2-----	-----	-----	2J21-----	WL442, 2J21, D2RN1, Y2-----	See 2J21.
D2RN1-----	-----	-----	2J21-----	D2RN1, WL422-----	UHF oscillator.
EE2BT-----	-----	-----	2BT-----	-----	See 2BT.
EM2GB-----	N16-T-51996----	-----	EM2GB-----	-----	Electrostatic storage tube.
G2-----	N16-T-51996-80-	-----	G2-----	-----	Hearing aid pentode (Sonotone).
GET2-----	-----	-----	VG11-----	-----	See VG11.
GL2H21-----	-----	-----	2H21-----	-----	See 2H21.
GY2-----	-----	-----	GY2-----	D161931, 1278-GY2-----	Grid controlled gas rectifier.
H2-10-----	-----	-----	2X2A-----	-----	See 2X2A.
HA2-----	-----	-----	955-----	-----	See 955.
KRN2-----	-----	-----	CV87-----	-----	See CV87.
KRN2A-----	-----	-----	CV129-----	-----	See CV129.
LD2-----	-----	-----	2J42-----	-----	See 2J42.
NE2-----	-----	-----	VG11-----	CD101OCL-----	Neon lamp.
NGT2/10E/15-----	-----	-----	VGT128-----	-----	VGT128.
NU2-----	-----	-----	2V-----	-----	Gas phototube.
NU-2V-----	-----	-----	OA2-----	-----	See 2V.
OA2-----	N16-T-52001----	H	OA2-----	S856, HD51-----	Miniature type OD3/VR150 voltage regulator.
OB2-----	N16-T-52001-5--	F	OB2-----	S860, HD52-----	Miniature type OC3/VR105 voltage regulator.
OC2-----	N16-T-52001-10-	-----	OC2-----	S859-----	Miniature type OA3/VR75 voltage regulator.
PJ2-----	-----	-----	-----	RJ574-----	Triode vacuum control tube.

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RE2-----			81-----	UX281-----	See 81.
SRC2-----			SRC2-----		Velocity variation UHF oscillator.
TGC2-----	N16-T-52006----		1B94-----	1B94-----	Beta-Gamma counter tube.
VG2B-----			VG2B-----		Neon lamp.
Y2-----			2J21-----		See 2J21.
ZA2-----			954-----		See 954.
ZP2-----	N16-T-52012----				Pilotron tube (obsolete).
2-----	N16-T-52030----		2-----		Receiving ballast tube (Philco).
2-5/8P1-----			3QP1-----		See 3QP1.
2-12-----	N16-T-52062----		2-12-----		Ballast tube.
2-15A/15R-----			15R-----		See 15R.
2-25A/25R-----			25R-----		See 25R.
2-50A/35R-----			35R-----		See 35R.
2-66-----	N16-T-52065----		2-66-----		Rectifier (medical and surgical).
2-100A/100R-----			8020-----		See 8020.
2-150A/152R-----			152R-----		See 152R.
2-150D/152RA-----			152RA-----		See 152RA.
2-240-----			X461-----		High vacuum half wave rectifier transmitting.
2-250A/250R-----			250R-----		See 250R.
2A3-----	N16-T-52130----	H	2A3-----	39213-----	Receiving triode power amplifier (similar to 6A3, 45).
2A3A-----			2A3A-----		Obsolete-superseded by 2A3W.
2A3H-----			2A3H-----		Obsolete cathode type.
2A3W-----	N16-T-52133----	H	2A3W-----		Ruggedized version of 2A3.
2A4G-----	N16-T-52140----		2A4G-----		Grid controlled gas rectifier.
2A5-----	N16-T-52150----	F	2A5-----	39215-----	Receiving pentode power amplifier (Type 42 characteristics).
2A6-----	N16-T-52160----	H	2A6-----		Receiving duodiode triode detector amplifier (Type 75 characteristics).
2A7-----	N16-T-52170----		2A7-----		Receiving pentagrid converter-Obsolete (Type 6A7 characteristics).
2A21-----	N16-T-52170-3--	F	2A21-----		Ballast tube.
2AC15-----	N16-T-52170-5--				Diode rectifier.
2AP1-----	N16-T-52171----	H	2AP1-----	1914P1, C7493-----	Cathode ray (electrostatic focus and deflection).
2AP1A-----	N16-T-52171-5--	F	2AP1A-----		Zero Ibl version of 2AP1.
2AP1W-----			2AP1W-----		Ruggedized version of 2AP1.
2AP5-----	N16-T-52175----		2AP5-----	1914P5-----	Cathode ray (electrostatic focus and deflection).
2AP11-----			2AP11-----		Old Dumont 2AP5; longer persistence than present 2AP5.
2AS15-----	N16-T-52130----		2AS15-----		Diode rectifier.
2B4-----	N16-T-52204----		2B4-----		Grid controlled rectifier-replace with 8B5.
2B6-----			2B6-----		Receiving amplifier (obsolete).
2B7-----	N16-T-52207----		2B7-----		Receiving duodiode pentode detector amplifier (Type 6B7 characteristics).
2B14-----	N16-T-52214----		2B14-----		Ballast tube.
2B21-----			2X2A-----	R612G-----	Improved 2X2/979.
2B22-----	N16-T-52222----	D	2B22-----		Receiving diode UHF detector, modified 559.
2B23-----	N16-T-52223----		2B23-----	ZP650-----	Receiving magnetically controlled diode.
2B24-----	N16-T-52224----		2B24-----	QF-197-----	Subminiature type diode.
2B24A-----			2B24A-----		Subminiature type diode.
2B25-----	N16-T-52225----	D	2B25-----	CK-1091-----	Receiving-miniature type diode vacuum rectifier.
2B26-----	N16-T-52226----		2B26-----	866JR Taylor-----	Transmitting diode gas rectifier (equivalent to 816 except plate terminal is on base).
2B27-----			2B27-----	ZP447, REL35-----	Receiving UHF diode detector.
2B35-----			VR92 (Br.)-----	QF-195, EA50, 10E/105-----	2B35 cancelled by RMA-See VR92 (Br.)
2B36-----			VR73 (Br.)-----	QF-196, D1, 10E/1540-----	2B36 cancelled by RMA-See VR73 (Br.)
2BP1-----	N16-T-52230----	F	2BP1-----		Cathode ray (electrostatic focus and deflection).
2BP1A-----	N16-T-52230-50-		2BP1A-----		Cathode ray.
2BP7-----	N16-T-52240----		2BP7-----	C-73146-----	Cathode ray (electrostatic focus and deflection).
2BP11-----	N16-T-52281----		2BP11-----		Cathode ray.
2BT-----			2BT-----	EE2BT-----	High vacuum diode rectifier.
2C4-----	N16-T-52320----		2C4-----		Miniature type grid controlled gas rectifier.
2C21-----	N16-T-52321----	F	2C21-----	RK33, 1642, 39233, 2C21/1642, 2C21/RK22-----	Transmitting and receiving twin triode.
2C21/1642-----			2C21-----		See 2C21.
2C21/RK22-----			2C21-----		See 2C21.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
2C22-----	N16-T-52322----	D	2C22-----	-----	Transmitting and receiving HF triode amplifier (similar to 7195). See 10Y.
2C23-----	-----	-----	10Y-----	-----	Receiving UHF triode.
2C24-----	N16-T-52324----	-----	2C24-----	HY-144-----	Transmitting triode amplifier.
2C25-----	-----	-----	VT25A-----	10 Spec-----	Superseded and replaced by 2C26A.
2C26-----	N16-T-52326----	E	2C26-----	D-10-----	Transmitting UHF triode.
2C26A-----	N16-T-52326-5--	E	2C26A-----	-----	Receiving sub-miniature type triode.
2C27-----	-----	-----	2C27-----	QF-200C-----	Receiving sub-miniature type triode.
2C28-----	-----	-----	2C28-----	SA-790-----	Transmitting UHF triode amplifier.
2C29-----	N16-T-52329----	-----	2C29-----	X1030-----	Transmitting UHF special purpose.
2C31-----	N16-T-52331----	-----	2C31-----	X102L-----	Grid controlled gas rectifier.
2C32-----	-----	-----	2C32-----	-----	Transmitting twin triode-Nearst equivalent British CV18, OET 19.
2C33-----	N16-T-52333----	E	2C33-----	RX233, RX233A-----	VT61, VT61A, and VT61B.
2C34-----	N16-T-52334----	F	2C34-----	RK34-----	Receiving UHF triode oscillator.
2C35-----	N16-T-52335----	-----	2C35-----	QF-215-----	Transmitting UHF triode (similar to SB346A,B).
2C36-----	N16-T-52336----	-----	2C36-----	SB346-----	Probeless version of 2C36.
2C37-----	N16-T-52337----	-----	2C37-----	SB346A-----	Receiving UHF triode oscillator-Similar to 2C39.
2C38-----	N16-T-52338----	-----	2C38-----	L-30-C-----	Transmitting UHF triode oscillator.
2C39-----	N16-T-52339----	A	2C39-----	ZP572, GL572, 3X100A11/2C39	Transmitting UHF triode.
2C39A-----	N16-T-52339-20-	-----	2C39A-----	-----	Receiving UHF triode (replaces 446, 446A, and 446B).
2C40-----	N16-T-52340----	D	2C40-----	ZP620, A2229A-----	Transmitting UHF triode amplifier-oscillator.
2C41-----	N16-T-52341----	-----	2C41-----	ZP602, L-30-P-----	Special 2C43.
2C42-----	N16-T-52342----	D	2C42-----	A2293C-----	Transmitting and receiving UHF triode amplifier (replaces 464, 464A, and 2C44).
2C43-----	N16-T-52343----	D	2C43-----	GL464A, ZP613, A2222-	Transmitting and receiving UHF triode amplifier oscillator (superseded by 2C43).
2C44-----	N16-T-52344----	-----	2C44-----	2C43, GL464, ZP570---	Transmitting triode.
2C45-----	-----	-----	3B142-----	45 Spec-----	Selected 2C43.
2C46-----	N16-T-52346----	D	2C46-----	A2294C-----	Selected 2C43.
2C47-----	N16-T-52347----	-----	2C47-----	-----	Special twin triode (designed to supersede 7C5 for certain servo amplifier applications)-See 2C50.
2C48-----	N16-T-52348----	-----	2C48-----	QL134-----	Pulse version of 2C40.
2C49-----	-----	-----	2C49-----	Z692-----	Identical to 2C48 except triode connections are brought out independently.
2C50-----	N16-T-52350----	-----	2C50-----	CK1300-----	Junio miniature type twin triode (independent cathodes).
2C51-----	N16-T-52351----	D	2C51-----	WE1491, 396A-----	See 5670.
2C51W-----	-----	-----	5670-----	-----	High mu double triode.
2C52-----	N16-T-52352----	-----	2C52-----	-----	High voltage triode.
2C53-----	N16-T-52353----	-----	2C53-----	M1060-----	Miniature type grid controlled gas rectifier.
2D21-----	N16-T-52421----	D	2D21-----	R-6200, 2D21/R-6200--	See 2D21.
2D21/R-6200----	-----	-----	2D21-----	-----	Ruggedized version of 2D21.
2D21W-----	N16-T-52421-50-	-----	2D21W-----	-----	Receiving Type Special Purpose.
2D28-----	-----	-----	2D28-----	-----	Sub-miniature type grid controlled gas rectifier.
2D29-----	N16-T-52429----	-----	2D29-----	SA-782B, GE-NS4-----	Electron ray tuning indicator (Type 655 characteristics).
2E5-----	N16-T-52445----	-----	2E5-----	-----	Receiving type special purpose.
2E21-----	N16-T-52461----	-----	2E21-----	-----	Transmitting pentode.
2E22-----	N16-T-52462----	E	2E22-----	TS-70, DT-70-----	Transmitting-beam power amplifier.
2E24-----	N16-T-52464----	-----	2E24-----	-----	Transmitting tetrod amplifier oscillator (improved 65).
2E25-----	N16-T-52465----	-----	2E25-----	D25-----	Receiving beam power amplifier.
2E26-----	N16-T-52466----	-----	2E26-----	-----	Receiving subminiature type pentode (superseled by 2E29).
2E27-----	N16-T-52467----	-----	2E27-----	QF-206-----	Receiving subminiature type pentode.
2E28-----	-----	-----	2E28-----	HY-1452T-----	Receiving subminiature type pentode.
2E29-----	N16-T-52469----	-----	2E29-----	SA781A-----	Receiving subminiature type pentode.
2E30-----	N16-T-52470----	-----	2E30-----	HD59-----	Receiving miniature filamentary type beam tetrode.
2E31-----	N16-T-52471----	-----	2E31-----	553AX-----	Subminiature radio frequency pentode-long leads.
2E32-----	N16-T-52472----	-----	2E32-----	553AY-----	Subminiature radio frequency pentode-short leads.
2E35-----	N16-T-52475----	-----	2E35-----	502AX-----	Subminiature power pentode-long leads.



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2E36-----	N16-T-52476----		2E36-----	502AY-----	Subminiature power pentode-short leads.
2E41-----	N16-T-52478----		2E41-----	551AX-----	Subminiature diode pentode-long leads.
2E42-----	N16-T-52479----		2E42-----	551AY-----	Subminiature diode pentode-short leads.
2F21-----	N16-T-52479-50-		2F21-----	C-7364-----	Small cathode ray. Monoscope.
2FV20-----	N16-T-52490----		2FV20-----		Oscillator (medical and surgical).
2G5-----			2G5-----		Electron ray tuning indicator (type 6U5/6G5 characteristics).
2G21-----	N16-T-52490----		2G21-----	555AX-----	Subminiature triode heptode-long leads.
2G22-----	N16-T-52491----		2G22-----	555AY-----	Subminiature triode heptode-short leads.
2H8-----	N16-T-52508----		2H8-----		Ballast
2H21-----	N16-T-52516----		2H21-----	GL2H21-----	Phase modulator for FM.
2J21-----	N16-T-52520----		2J21-----	WL443, DCRN1, Y2, D2-	Replace with 2J21A.
2J21A-----	N16-T-52521----		2J21A-----		Transmitting UHF oscillator-Magnetron-Supersedes 2J21.
2J22-----	N16-T-52522----	D	2J22-----	J1RF, J-714-----	Transmitting UHF oscillator-Magnetron.
2J23-----	N16-T-52523----		2J23-----	K-0-----	Transmitting UHF oscillator-Magnetron.
2J24-----	N16-T-52524----		2J24-----	K-0-----	Transmitting UHF oscillator-Magnetron.
2J25-----	N16-T-52525----	D	2J25-----	K-0-----	Transmitting UHF oscillator-Magnetron.
2J26-----	N16-T-52526----	F	2J26-----	K-0-----	Transmitting UHF oscillator-Magnetron (may be replaced with 2J58).
2J27-----	N16-T-52527----	F	2J27-----	K-0-----	Transmitting UHF oscillator-Magnetron (may be replaced with 2J58).
2J28-----	N16-T-52528----		2J28-----	K-0-----	Transmitting UHF oscillator-Magnetron.
2J29-----	N16-T-52529----		2J29-----	K-0-----	Transmitting UHF oscillator-Magnetron.
2J30-----	N16-T-52530----		2J30-----	K-7-----	Transmitting UHF oscillator-Magnetron.
2J31-----	N16-T-52531----		2J31-----	K-7-----	Transmitting UHF oscillator-Magnetron.
2J32-----	N16-T-52532----	F	2J32-----	K-7-RF4, WL441-----	Transmitting UHF oscillator-Magnetron.
2J33-----	N16-T-52533----		2J33-----	K-7-----	Transmitting UHF oscillator-Magnetron.
2J34-----	N16-T-52534----		2J34-----	K-7-----	Transmitting UHF oscillator-Magnetron.
2J35-----	N16-T-52535----		2J35-----	RCA 2J35-----	Transmitting UHF oscillator-Magnetron; Obsolete.
2J36-----	N16-T-52536----	E	2J36-----		Transmitting UHF oscillator-Magnetron.
2J37-----	N16-T-52537----	E	2J37-----		Transmitting UHF oscillator-Magnetron.
2J37A-----			2J37A-----		Transmitting UHF oscillator-Magnetron (tunable 2J37).
2J38-----	N16-T-52538----	E	2J38-----		Transmitting UHF oscillator-Magnetron.
2J39-----	N16-T-52539----		2J39-----		Transmitting UHF oscillator-Magnetron.
2J40-----	N16-T-52540----	E	2J40-----		Transmitting UHF oscillator-Magnetron.
2J41-----	N16-T-52541----		2J41-----	A121, A2116-----	Transmitting UHF oscillator-Magnetron.
2J42-----	N16-T-52542----		2J42-----	LVX, X6001, LD2, A116	Transmitting UHF oscillator-Magnetron.
2J42A-----	N16-T-52542-5----		2J42A-----		Transmitting UHF oscillator-Magnetron.
2J43-----	N16-T-52543----		2J43-----		Magnetron.
2J44-----	N16-T-52544----		2J44-----		Transmitting UHF oscillator-Magnetron.
2J45-----	N16-T-52545----		2J45-----		Transmitting UHF oscillator-Magnetron.
2J46-----	N16-T-52546----		2J46-----		Transmitting UHF oscillator-Magnetron.
2J47-----	N16-T-52547----	E	2J47-----	DRH505-----	Transmitting UHF oscillator-Magnetron.
2J48-----	N16-T-52548----	E	2J48-----		Transmitting UHF oscillator-Magnetron.
2J49-----	N16-T-52549----	D	2J49-----	1392M-----	Transmitting UHF oscillator-Magnetron.
2J50-----	N16-T-52550----	D	2J50-----	1393M-----	Transmitting UHF oscillator-Magnetron.
2J51-----	N16-T-52551----	D	2J51-----	1424WQ-----	Transmitting UHF oscillator-Magnetron (tunable 725).
2J52-----	N16-T-52552----		2J52-----		Transmitting UHF oscillator-Magnetron (tunable 2J22).
2J53-----	N16-T-52553----		2J53-----	2J53/725A-----	Transmitting UHF oscillator-Magnetron (improved 725A).
2J53/725A-----					See 2J53.
2J54-----	N16-T-52554----		2J54-----		Transmitting UHF oscillator-Magnetron.
2J54A-----			2J54A-----		Transmitting UHF oscillator-Magnetron.
2J54B-----			2J54B-----		Transmitting UHF oscillator-Magnetron.
2J55-----	N16-T-52555----		2J55-----	QX-47-----	Transmitting UHF oscillator-Magnetron.
2J56-----	N16-T-52556----		2J56-----		Transmitting UHF oscillator-Magnetron.
2J57-----	N16-T-52557----		2J57-----		Transmitting UHF oscillator-Magnetron.
2J58-----	N16-T-52558----		2J58-----		Transmitting UHF oscillator-Magnetron (tunable type 2J26-27).
2J59-----	N16-T-52559----		2J59-----		Transmitting UHF oscillator-Magnetron.
2J60-----	N16-T-52560----		2J60-----		Transmitting UHF oscillator-Magnetron.
2J61-----	N16-T-52561----	C	2J61-----	706T1-----	Transmitting UHF oscillator-Magnetron-Replaces 705AY-DY inclusive. Obsolete.
2J61A-----	N16-T-52561-5----	D	2J61A-----		Improved version of 2J61.
2J62-----	N16-T-52562----	D	2J62-----		Transmitting UHF oscillator-Magnetron-Replaces 706DY-CY inclusive. Obsolete.
2J62A-----	N16-T-52562-5----		2J62A-----		Improved version of 2J62.

**SECTION  
16-820  
ELECTRON  
TUBES**

**CATALOG of NAVY MATERIAL**

First Edition

August 1950

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
2J64-----	N16-T-52564----		2J64-----	A-124-----	Forced air cooled tunable magnetron.
2J65-----			2J65-----		Type 2J41 without stabilizer.
2J66-----	N16-T-52566----		2J66-----	K7T-1-----	Transmitting UHF oscillator-Magnetron.
2J67-----	N16-T-52567----		2J67-----	K7T-2-----	(Tunable 2J30)
2J68-----	N16-T-52568----		2J68-----	K7T-3-----	Transmitting UHF oscillator-Magnetron.
2J69-----	N16-T-52569----		2J69-----	K7T4-----	(Tunable 2J31)
2J70-----	N16-T-52570----		2J70-----		Transmitting UHF oscillator-Magnetron.
2J71-----	N16-T-52571----		2J71-----		(Tunable 2J32)
2K21-----			2K21-----	WL421, 421C-----	Transmitting UHF oscillator-Magnetron.
2K22-----	N16-T-52622----		2K22-----	1409XQ-----	Velocity variation UHF oscillator.
2K23-----			2K23-----	1429XQ-----	Velocity variation UHF oscillator.
2K24-----	N16-T-52624----		2K24-----	1409XQ-----	Velocity variation UHF oscillator.
2K25-----	N16-T-52625----		2K25-----	1410XQ, 2K25/723A/B--	Velocity variation UHF oscillator.
2K25/723A/B-----		D	2K25-----		Velocity variation UHF oscillator.
2K26-----	N16-T-52626----		2K26-----	1411XQ-1412XQ--	See 2K25.
2K27-----	N16-T-52627----		2K27-----	1413XQ-----	Velocity variation UHF oscillator.
2K28-----	N16-T-52628----		2K28-----	Q228, 2Q28-----	Velocity variation UHF oscillator.
2K29-----	N16-T-52629----		2K29-----	1414XQ-1415XQ--	Velocity variation UHF oscillator.
2K30-----			2K30-----		(equivalent to 707B except for height).
2K31-----	N16-T-52631----		2K31-----	Sperry 411-----	Velocity variation UHF oscillator.
2K32-----			2K32-----	412-----	Velocity variation UHF oscillator.
2K33-----	N16-T-52633----		2K33-----	QK33-----	Velocity variation UHF oscillator.
2K33A-----	N16-T-52634----		2K33A-----		Velocity variation UHF oscillator.
2K33B-----	N16-T-52635----		2K33B-----		Klystron.
2K34-----	N16-T-52636----		2K34-----		2K33 with hand control knob.
2K35-----	N16-T-52636-50-		2K35-----		Velocity variation UHF oscillator.
2K36-----	N16-T-52637----		2K36-----	416-----	Velocity variation UHF oscillator.
2K37-----			2K37-----		Velocity variation UHF oscillator.
2K38-----			2K38-----	418-----	Velocity variation UHF oscillator.
2K39-----	N16-T-52639----		2K39-----	419B-----	Velocity variation UHF oscillator.
2K40-----	N16-T-52640----		2K40-----	1280CT, D-164694--	Velocity variation UHF oscillator.
2K41-----	N16-T-52641----		2K41-----		Improved version of 417B.
2K42-----	N16-T-52642----		2K42-----	XG-8071-----	Velocity variation UHF oscillator.
2K43-----	N16-T-52643----		2K43-----	XG-7893-----	Velocity variation UHF oscillator.
2K44-----	N16-T-52644----		2K44-----	XG-8072-----	Velocity variation UHF oscillator.
2K45-----	N16-T-52645----		2K45-----	1407XG-----	Velocity variation UHF oscillator.
2K46-----	N16-T-52646----		2K46-----		Velocity variation UHF oscillator.
2K47-----	N16-T-52647----		2K47-----		Velocity variation UHF oscillator.
2K48-----	N16-T-52648----		2K48-----	1429CT8-----	Velocity variation UHF oscillator.
2K49-----	N16-T-52649----		2K49-----	1429CT9-----	Velocity variation UHF oscillator.
2K50-----	N16-T-52650----		2K50-----	1452-----	Velocity variation UHF oscillator.
2K51-----			2K51-----	WX3243A-----	Velocity variation UHF oscillator.
2K52-----			2K52-----	WX3243B-----	Velocity variation UHF oscillator.
2K53-----			2K53-----	WX3243C-----	Velocity variation UHF oscillator.
2K54-----	N16-T-52654----		2K54-----	1459-----	Velocity variation UHF oscillator.
2K55-----	N16-T-52655----		2K55-----		Velocity variation UHF oscillator.
2K56-----			2K56-----		Velocity variation UHF oscillator.
2K57-----			2K57-----		Velocity modulation tube.
2KB72-----			2KB72-----		Velocity variation UHF oscillator.
2P21-----	N16-T-52698----		2P21-----	C7557A, LW15-----	Television pick-up tube.
2P22-----			2P22-----	C73009-----	Smaller version of 2P21.
2P23-----	N16-T-52670----		2P23-----		Television pick-up tube.
2Q28-----			2Q28-----		See 2K28.
2RA3-----			2RA3-----		See CE213.
2RA5-----			2RA5-----		See CE205.
2RA6-----			2RA6-----		See CE206.
2RA15-----			2RA15-----		See CE215.
2RB3-----			2RB3-----		Phototube (same as NU-2 except for basing).
2S-----			2S/43-----		See 2S/4S.
2S/4S-----			2S/43-----	2S, 4S-----	Duodiode detector (obsolete).
2V-----			2V-----	CE-2V, NU-2V-----	Phototube.
2V3G-----	N16-T-52730----		2V3G-----		Special purpose diode vacuum rectifier.
2W3-----			2W3-----		Receiving diode rectifier.
2W3GT-----			2W3GT-----		Receiving diode rectifier.
2X2-----			2X2-----	143D, 879, 2X2/379--	Special purpose diode vacuum rectifier.
2X2/379-----	N16-T-52820----		2X2-----		See 2X2A.
2X2A-----	N16-T-52922----		2X2A-----	2B21, R612G-----	See 2X2.
2X2W-----			2X2W-----		Improved 2X2.
2Y2-----	N16-T-52920----		2Y2-----		Ruggedized version of 2X2A.
2Z2-----			2Z2/G94-----	G94-----	Obsolete-similar to type 2X2.
					Receiving diode rectifier (obsolete).

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
2Z2/G4-----			2Z2/G4-----	2Z2-----	Receiving diode rectifier (obsolete).
BL3-----			BL3-----		Gas switching tube (TR).
C3A14-----			C3A14-----		Xenon filled grid controlled thyatron.
C3J-----	N16-T-52980----		5632/C3J-----	5632,ELC3J-----	Thyratron, gas Triode.
C3J/A-----			5684-----		See 5684.
CE3-----			CE3A/B,C,D,E----	WL738, 79A, NU3, 803A 4G3A, G10, #E3A	Gas phototube-See CE3D.
CE3A/B-----			CE3A/B-----		Phototube.
CE3C-----			CE3C-----		Phototube.
CE3C23-----			3C23-----		See 3C23.
CE3D-----			1P31-----	G10, 79A4, #E3A-----	Gas phototube-See 1P31.
CE3E-----			CE3E-----		Phototube.
EE3B27-----			3B27-----		See 3B27.
EL3C-----			4B24-----	3B404, CE224-----	See 4B24.
ELC3J-----			5632/C3J-----		See 5632/C3J.
EW3GA-----	N16-T-52990----		EW3GA-----		Electrostatic storage tube.
GL3A1-----			3A1-----		See 3A1.
GL3C23-----			3C23-----		See 3C23.
GL3DP1-----			3DP1-----		See 3DP1.
KC3-----			KC3-----		Special purpose diode vacuum rectifier (inactive).
NL3W-----	N16-T-53003----		NL3W-----		Rectifier (medical and surgical).
NB3-----			NB3-----		Ballast tube (obsolete).
NE3-----			NE3-----		Unbased argon lamp (T-2).
NL3C23-----			3C23-----		See 3C23.
NU3-----				CE3-----	Phototube-See CE3.
OA3-----			OA3-----	VR75-30, 38275-----	Diode voltage regulator.
OA3/VR75-----	N16-T-53030----	F	OA3-----	OA3, VR75-30, 33275-----	Diode voltage regulator.
OB3-----		F	OB3-----	OB3/VR90, VR90, VR90-30, 38290	Diode voltage regulator.
OB3/VR90-----	N16-T-53040----	F	OB3-----	VR90, VR90-30, 38290	Diode voltage regulator.
OC3-----		J	OC3-----	OC3/VR105, VR105-30, 38205, VR105	Diode voltage regulator.
OC3/VR105-----	N16-T-53050----	J	OC3-----	VR105-30, 38205-----	Diode voltage regulator.
OC3/VR150W-----	N16-T-53052----		OC3W-----		Ruggedized OC3 diode voltage regulator.
OD3/VR150-----	N16-T-53060----	H	OD3-----	VR150-30, VR150, 38250-----	Diode voltage regulator.
OD3/VR150W-----	N16-T-53062----		OD3W-----		Ruggedized OD3 diode voltage regulator.
P3-----	N16-T-53063----		P3-----		Hearing aid tube.
PM3-----	N16-T-53064----		PM3-----		Power measurement lamp.
REL3B-----			310A-----	8310A-----	See 310A.
REL3BX-----			REL3BX-----	3BHP-----	Transmitting UHF oscillator (Canadian).
REL3C-----			CV38-----	UK3109, 315B, E1198--	See CV38.
REL3D-----			NT98-----	UK310P, 315D, E1189, #2510.	See NT98.
REL3DX-----			CV56-----	3DHP, E1325-----	See CV56.
TR3SW-----			REL30-----		See REL30.
WE3A-----			IP31-----		See IP31.
WG3A-----			CE3A/B-----		See CE3A/B.
3-----			3-----		Receiving ballast tube.
3-4-----	N16-T-53070----	F	3-4-----		Ballast tube.
3-15A3/15E-----			15E-----		See 15E.
3-16-----			3-16-----	EE3-16-----	Receiving ballast tube.
3-25A3/25T-----			HK24-----	25T-----	See HK24.
3-25D3/25TG-----			3C24-----		See 3C24.
3-38-----	N16-T-53080----	E	3-38-----		Ballast tube.
3-38A-----	N16-T-53092----	F	3-38A-----		Ballast tube.
3-40-----	N16-T-53090----		3-40-----		Ballast.
3-50-----	N16-T-53100----		3-50-----		Ballast.
3-50A-----	N16-T-53102----		3-50A-----		Ballast.
3-50A4/35T-----			35T-----		See 35T.
3-50D4/35TG-----			35TG-----		See 35TG.
3-50G2/UH50-----			UH50-----		See UH50.
3-50J4/53A-----			53A-----		See 53A.
3-50M2/UH51-----			UH51-----		See UH51.
3-75A2/75TL-----			75TL-----		See 75TL.
3-75A3/75TH-----			75TH-----		See 75TH.
3-100A2/100TL-----			100TL-----		See 100TL.
3-100A4/100TH-----			100TH-----		See 100TH.
3-100D2/VT127A-----			VT127A-----		See VT127A.
3-100E3/227A-----			227A-----		See 227A.
3-100G3/327A-----			327A-----		See 327A.
3-100H3/327B-----			327B-----		See 327B.
3-150A2/152TL-----			152TL-----		See 152TL.
3-150A3/152TH-----			152TH-----		See 152TH.
3-250A2/250TL-----			250TL-----		See 250TL.
3-300A2/304TL-----			304TL-----		See 304TL.
3-300A3/304TH-----			304TH-----		See 304TH.

**SECTION  
16-820  
ELECTRON  
TUBES**

**CATALOG of NAVY MATERIAL**

First Edition

August 1950

**CROSS INDEX OF ELECTRON TUBE TYPES**

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
3-300G4/527----			527-----		See 527.
3-450A2/450TL--			450TL-----		See 450TL.
3-450A4/450TH--			450TH-----		See 450TH.
3-750A2/750TL--			750TL-----		See 750TL.
3-1000A4/1000T-			1000UHF-----		See 1000UHF.
3-1500A3/1500T-			1500T-----		See 1500T.
3-2000A3/2000T-			2000T-----		See 2000T.
3A-----			1P31-----	WE3A, G10, CE3D, 79A4	Gas phototube, see 1P31.
3A1-----			3A1-----	GL3A1-----	Pentode gas rectifier (Ignitron, obsolete)
3A4-----	N16-T-53140----	D	3A4-----		Miniature type pentode amplifier.
3A5-----	N16-T-53150----	D	3A5-----		Miniature type twin triode.
3A3GT-----	N16-T-53180----		3A3GT-----		Receiving diode triode pentode.
3A20-----	N16-T-53185----		3A20-----		Ballast.
3AP1-----	N16-T-53190----	J	3AP1-----	3AP1/906P1, 2501A3, 34XH, C7350.	Cathode ray (electrostatic focus and deflection).
3AP1/906P1----			3AP1-----		See 3AP1.
3AP1A-----	N16-T-53190-50-		3AP1A-----		Zero Ibl version of 3AP1.
3AP4-----	N16-T-53193----		3AP4-----	3AP4/906P4, 906P4, 2501D3	Cathode ray-obsolete (replace with 3AP1).
3AP4/906P4----			3AP4-----		See 3AP4.
3AP5-----	N16-T-53194----		3AP5-----	906P5, 2501C3	Cathode ray (electrostatic focus and deflection).
3AP7-----			3AP7-----	906P7	Cathode ray (electrostatic focus and deflection).
3AP11-----			3AP11-----		Cathode ray (electrostatic focus and deflection).
3AP11A-----	N16-T-53201----		3AP11A-----		Old Dumont 3AP5, longer persistence than present 3AP5.
3B4-----			3B4-----	HD30	Cathode ray.
3B5GT-----	N16-T-53203----		3B5GT-----		Receiving, power pentode.
3B7-----	N16-T-53207----		3B7-----	3B7/1291, 1291	Receiving pentode power amplifier.
3E7 Special----		E	3E7 Special----		Receiving UHF twin diode.
3E7/1291-----	N16-T-53207-50-	E	3E7-----	1291	Selected 3B7/1291.
3B21-----	N16-T-53221----	E	3B21-----	EL-302.5, 38401	Receiving lock in type UHF twin triode amplifier.
3B22-----	N16-T-53222----	F	3B22-----	EL1C, 1C, 38405, CE222	Obsolete; replace with 3B22.
3B23-----	N16-T-53223----		3B23-----	RK-22, 38222	Transmitting duodiode gas rectifier (nearest equivalent is 3B21).
3B24-----	N16-T-53224----	F	3B24-----	732A, WE732A, 428T, CE230, 1299XQ.	Transmitting duodiode vacuum rectifier.
3B24W-----	N16-T-53224-10-	F	3B24W-----		Transmitting diode vacuum rectifier (modified 705A, -See 72).
3B25-----	N16-T-53225----	D	3B25-----	R6187	Ruggedized version of 3B24.
3B26-----	N16-T-53226----	D	3B26-----	QK36	Transmitting diode gas rectifier (Replace with 3B28).
3B27-----	N16-T-53227----		3B27-----	EE3B27	Special purpose diode, 73 with uni-potential Cathode. See QK95.
3B28-----	N16-T-53228----	D	3B28-----		Transmitting diode vacuum rectifier (improved 836).
3B29-----	N16-T-53229----	D	3B29-----	QK95	Transmitting diode gas rectifier-similar to 3B25, 3B27, 836, 866A/866.
3B/501A-----			CV49-----		High vacuum clipper diode.
3BHP-----			REL3BX-----		See CV49.
3BP1-----	N16-T-53250----	H	3BP1-----	C7433	See REL3BX.
3BP1A-----	N16-T-53252----		3BP1A-----		Cathode ray (electrostatic focus and deflection).
3BP17-----			3BP17-----	C7433B	Zero Ibl Version of 3BP1.
3BP4-----			3BP4-----		Ruggedized version of 3BP1.
3BP5-----			3BP5-----		Cathode ray (replace with 3BP1).
3BP7-----	N16-T-53264----		3BP7-----		Cathode ray (electrostatic focus and deflection).
3BP11-----	N16-T-53271----		3BP11-----		Cathode ray (electrostatic focus and deflection).
3C-----			4B24-----		Cathode ray (electrostatic focus and deflection).
3C5GT-----			3C5GT-----		See 4B24.
3C6-----			3C6-----		Receiving power output pentode.
3C21-----	N16-T-53321----		120-----	ZB120, 38220, C120	Receiving lock in type twin triode amplifier.
3C22-----	N16-T-53322----	A	3C22-----	522, GL522	Transmitting triode-see 120.
3C23-----	N16-T-53323----	F	3C23-----	GL3C23, CE3C23, CE311 NL3C23	Transmitting UHF triode amplifier oscillator.
3C24-----	N16-T-53324----	L	3C24-----	HK24G, 25TG, 3-25D3/ 25TG	Grid controlled gas rectifier (similar to 393A).
3C25-----	N16-T-53325----		3C25-----		Transmitting UHF triode (Type 25T with grid at side).
3C26-----	N16-T-53326----		3C26-----	X129D	Transmitting UHF special purpose.
					Transmitting UHF triode amplifier.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
3C27-----	N16-T-53327----	D	3C27-----	CV178-----	Transmitting triode UHF oscillator, (similar to British CV55 and EL458). 3C27 designed for higher duty cycle 3C27 with grid radiator, superseded by 3C37.
3C27A-----			3C27A-----		Transmitting HF triode amplifier (3C24 with 2 grid leads).
3C27B-----	N16-T-53327-5--		3C27B-----		Transmitting UHF triode amplifier-Oscillator (superseded by GLS22, now the 3C22).
3C28-----	N16-T-53328----		3C28-----		6.0 volt filament version of HY30Z. Grid controlled gas rectifier superseded by 5664.
3C29-----	N16-T-53329----	F	3C29-----	ZP449-----	Grid controlled gas rectifier.
3C30-----	N16-T-53330----	F	3C30-----	HD50-----	Grid controlled gas rectifier superseded by 5664.
3C31-----	N16-T-53331----	E	3C31/C1B-----	C1B, CE303, ELC1B----	Transmitting UHF triode amplifier.
3C31A-----	N16-T-53331-50-		3C31A-----		Transmitting triode power amplifier-Oscillator (3C24 with grid lead in base)-See HK-24.
3C31/C1B-----	N16-T-53333----	E	3C31/C1B-----	C1B, CE303, ELC1B----	Transmitting UHF coaxial triode oscillator and amplifier.
3C32-----			3C32-----	A2214B-----	Transmitting triode, modified 3C27.A.
3C33-----	N16-T-53334----		3C33-----		Grid controlled gas rectifier modulator.
3C34-----			HK-24-----		Cathode ray (electrostatic focus and deflection).
3C36-----	N16-T-53336----		3C36-----	R1001-----	Cathode ray (electrostatic focus and deflection) with decalcomania inscription.
3C37-----	N16-T-53337----	D	3C37-----	3X150A3/3C37----	Cathode ray (replace with 3CP1).
3C45-----	N16-T-53345----	B	3C45-----	H45, ZC547, 5137----	Cathode ray (electrostatic focus and deflection) with decalcomania inscription
3CP1-----	N16-T-53350----		3CP1-----	1803P1, C7510----	Receiving UHF pentode amplifier (similar to 3LF4).
3CP1-S1-----	N16-T-53352----		3CP1-S1-----		Receiving UHF pentode amplifier (similar to 3LF4).
3CP4-----			3CP4-----	1808P4-----	Transmitting tetrode modulator, (superseded by 3D21A).
3CP7-----			3CP7-----	1803P7-----	Improved Version 3D21.
3D6-----	N16-T-53406----	F	3D6/1299-----		Grid controlled gas rectifier (tetrode).
3D6/1299-----	N16-T-53408----	F	3D6/1299-----	1299-----	Transmitting tetrode amplifier oscillator (Lewis).
3D21-----	N16-T-53421----	D	3D21-----	D21, H5015-----	Transmitting tetrode.
3D21A-----	N16-T-53421-5--	D	3D21A-----		Transmitting special purpose
3D22-----	N16-T-53422----		3D22-----	R6241-----	See CV56.
3D23-----			3D23-----	TB35-----	Cathode ray (electrostatic focus and deflection).
3D24-----	N16-T-53424----		3D24-----		Zero Ibl version of 3DP1.
3D29-----			3D29-----		Zero Ibl version of 3DP1-S1.
3DHP-----			CV56-----		Zero Ibl version of 3DP1-S2.
3DP1-----	N16-T-53450----	F	3DP1-----	ZP526, GL 3DP1----	Cathode ray with decalcomania inscription.
3DP1A-----	N16-T-53450-5--		3DP1A-----		3DP1 with decalcomania inscription.
3DP1A-S1-----	N16-T-53450-30-		3DP1A-S1-----		3DP1 with decalcomania inscription.
3DP1A-S2-----	N16-T-53450-40-		3DP1A-S2-----		Cathode ray (replace with 3AP1).
3DP1-S2A-----	N16-T-53450-70-		3DP1-S2A-----		Cathode ray (electrostatic focus and deflection).
3DP1S1-----			3DP1S1-----		Old Dumont 3DP5; longer persistence than present 3DP5.
3DP1S2-----	N16-T-53450-60-		3DP1S2-----		Zero Ibl version of 3DP11.
3DP4-----			3DP4-----		Miniature receiving pentode.
3DP5-----			3DP5-----		Receiving lock-in type sharp cut-off pentode amplifier.
3DP11-----	N16-T-53470----		3DP11-----		Transmitting twin pentode amplifier.
3DP11A-----	N16-T-53470-20-		3DP11A-----		Transmitting twin pentode amplifier.
3E5-----	N16-T-53505----		3E5-----		Transmitting twin pentode amplifier.
3E6-----			3E6-----		Cathode ray (electrostatic focus and deflection).
3E21-----			3E21-----		Cathode ray (replace with 3AP1).
3E22-----			3E22-----		Cathode ray (electrostatic focus and deflection).
3E29-----	N16-T-53529----	E	3E29-----	829A-----	Zero Ibl version of 3FP7.
3EP1-----	N16-T-53550----		3EP1-----	18C6P1-----	Cathode ray (electrostatic focus and deflection).
3EP4-----			3EP4-----	1806P4-----	Zero Ibl version of 3GP1.
3FP7-----	N16-T-53607----	F	3FP7-----	ZP540-----	Cathode ray (replace with 3GP1).
3FP7A-----	N16-T-53609----		3FP7A-----		Cathode ray (electrostatic focus and deflection).
3GP1-----	N16-T-53650----	G	3GP1-----	2537A3-----	Zero Ibl version of 3GP1.
3GP1A-----	N16-T-53651----		3GP1A-----		Cathode ray (electrostatic focus and deflection).
3GP4-----			3GP4-----	2537D3-----	Cathode ray (replace with 3GP1).

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
3GP5-----			3GP5-----	2537C3-----	Cathode ray (electrostatic focus and deflection).
3GP11-----	N16-T-53661----		3GP11-----		Old Dumont 3GP5; longer persistence than present 3GP5.
3GP11A-----	N16-T-53662----		3GP11A-----		Zero Ibl version of 3GP11.
3H1-7-----	N16-T-53690----		3H1-7-----		Zero Ibl version of 3GP11.
3HP7-----	N16-T-53707----	E	3HP7-----	C7501, ZP542-----	Cathode ray (magnetic focus and deflection).
3HP12-----	N16-T-53712----		3HP12-----		Cathode ray.
3HP14-----	N16-T-53714----	E	3HP14-----		3HP7 with medium long persistence screen.
3J21-----	N16-T-53721----		3J21-----	1456W-----	Transmitting UHF oscillator-Magnetron.
3J22-----			3J22-----	SD947B-----	Transmitting UHF oscillator-Magnetron.
3J24-----	N16-T-53724----		3J24-----	GL484, ZP484-----	Transmitting UHF oscillator-Magnetron.
3J25-----			3J25-----	GL485, ZP485-----	Transmitting UHF oscillator-Magnetron.
3J26-----			3J26-----	GL486, ZP486-----	Transmitting UHF oscillator-Magnetron.
3J30-----	N16-T-53730----		3J30-----	X6000-----	Transmitting UHF oscillator-Magnetron.
3J31-----	N16-T-53731----		3J31-----	X6002, ESA-----	Replace with 3J31.
3J35-----			3J35-----	GL505-----	Transmitting UHF oscillator-Magnetron.
3JP1-----	N16-T-53735----	H	3JP1-----	C7523B, K1012-----	Transmitting UHF oscillator-Magnetron.
3JP2-----	N16-T-53736----		3JP2-----		Cathode ray (electrostatic focus and deflection).
3JP4-----			3JP4-----		Cathode ray (electrostatic focus and deflection).
3JP5-----	N16-T-53742----		3JP5-----		Cathode ray.
3JP7-----	N16-T-53745----		3JP7-----		Cathode ray (electrostatic focus and deflection).
3JP11-----	N16-T-53749----		3JP11-----	C73147-----	Cathode ray tube (electrostatic focus and deflection).
3JP12-----	N16-T-53750----	E	3JP12-----		Cathode ray (electrostatic focus and deflection).
3JP12A-----	N16-T-53755----		3JP12-----		Cathode ray.
3JP14-----	N16-T-53758----		3JP14-----		Cathode ray.
3K21-----	N16-T-53770----		3K21-----	410-1L-----	Velocity variation UHF oscillator (version of 410R).
3K22-----	N16-T-53773----		3K22-----	XZA-8073-----	Velocity variation UHF oscillator (version of 410R).
3K23-----	N16-T-53774----		3K23-----	R5660201-----	Velocity variation UHF oscillator.
3K24-----			3K24-----		Velocity variation UHF oscillator (3K21 with Tuner).
3K25-----			3K25-----		Velocity variation UHF oscillator (3K22 with Tuner).
3K26-----			3K26-----		Velocity variation UHF oscillator (3K30 with Tuner).
3K27-----	N16-T-53774-50-		3K27-----		Velocity variation UHF oscillator.
3K30-----	N16-T-53775----		3K30-----		Velocity variation UHF oscillator (version of 410R).
3KP1-----	N16-T-53782----		3KP1-----	C7555-----	Cathode ray (electrostatic focus and deflection).
3KP4-----	N16-T-53784----		3KP4-----		Cathode ray (electrostatic focus and deflection).
3KP11-----			3KP11-----		Cathode ray tube.
3LE4-----			3LE4-----		Receiving lock-in type pentode power amplifier.
3LF4-----	N16-T-53784----		3LF4-----		Receiving lock-in type beam power amplifier (similar to 3D6/1299).
3MP1-----	N16-T-53790----		3MP1-----		Cathode ray (electrostatic focus and deflection).
3NP4-----			3NP4-----		Cathode ray (electromagnetic focus and deflection).
3Q4-----	N16-T-53804----	F	3Q4-----		Receiving miniature type pentode amplifier.
3Q5G-----			3Q5G-----		See 3Q5GT/G-Replace with 3Q56GT/G.
3Q5GT-----		D	3Q5GT/G-----		See 3Q5GT/G.
3Q5GT/G-----	N16-T-53817----		3Q5GT/G-----		Receiving beam-power amplifier.
3QP1-----	N16-T-53825----		3QP1-----	2-5/8P1-----	Cathode ray (electrostatic focus and deflection).
3RP1-----	N16-T-53860----		3RP1-----		Cathode ray, (electrostatic focus and deflection).
3RP1A-----			3RP1A-----		Cathode ray tube.
3S4-----	N16-T-53900----	F	3S4-----		Receiving miniature type pentode amplifier.
3SP1-----			3SP1-----		Cathode ray tube.
3SP2-----			3SP2-----		Cathode ray tube.
3SP4-----			3SP4-----		Cathode ray tube.
3SP5-----			3SP5-----		Cathode ray tube.

August 1950

First Edition

SECTION  
16-820  
ELECTRON  
TUBES

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
3SP7-----			3SP7-----		Cathode ray tube.
3SP11-----			3SP11-----		Cathode ray tube.
3U2P1-----			3U2P1-----		Cathode ray, two gun (electrostatic focus and deflection).
3U3P1-----			3U3P1-----		Cathode ray, three gun (electrostatic focus and deflection).
3U3P11-----	N16-T-53743----		3U3P11-----		Three-gun cathode ray.
3V4-----	N16-T-53968----		3V4-----		Miniature type pentode power amplifier.
3-V4-----	N16-T-53970----		3-V4-----		Ballast.
3W2P1A-----			3W2P1A-----		Cathode ray, two gun (electrostatic focus and deflection).
3W2P7-----	N16-T-53980----		3W2P7-----		Cathode ray.
3X100A11/2C39--			2C39-----		See 2C39.
3X150A3/3C37--			3C37-----		See 3C37.
3X2500A-----	N16-T-53970----		3X2500A-----		Transmitting triode.
3X2500A1-----	N16-T-53991----		3X2500A1-----		Transmitting triode.
3X2500A2-----	N16-T-53992----		3X2500A2-----		Transmitting triode.
3X2500A3-----	P16-T-53993----		3X2500A3-----		Transmitting VHF triode.
3X5000A-----			3X5000A-----		Transmitting VHF triode-Forced air cooled.
3X12500A3-----			3X12500A3-----		Transmitting, forced air cooled triode.
Army VT4B-----			Commercial 211--		See Commercial 211.
Army VT4C-----			211-----		See 211.
AW4-----			VS6B-----		See VS6B.
B4-----			B4-----		Ballast tube.
BL4-----			BL4-----		Gas switching tube (TR).
CE4-----			CE4A/B, C, D-----	58A-----	Gas phototube-See IP36.
CE4A/B-----			CE4A/B-----		Phototube.
CE4B24-----			4B24-----		See 4B24.
CE4B25-----			4B25-----		See 4B25.
CE4C-----	N16-T-54004----		1P36-----	55A3-----	Phototube, replace with 1P36.
CE4D-----			CE4D-----		Phototube.
CE4RBS-----					See 4RBS.
CE4V-----					See 4V.
CE4WB-----					See 4WB.
G4-----					Gas phototube.
GA4-----			G4-----		Receiving duodiode.
GE-NS4-----			532-----	WL532-----	See 532.
KC4-----			2D29-----		See 2D29.
			KC4-----	WL100, WL616-----	Diode vacuum rectifier (similar to F606).
NB4-----			NB4-----		Ballast tube (obsolete).
NU4RBS-----					See 4RBS.
NU4WB-----					See 4WB.
OA4G-----	N16-T-54014----		CA4G-----		Cold cathode gas triode.
OY4-----	N16-T-54030----		OY4-----		Receiving diode gaseous rectifier.
OY4G-----	N16-T-54034----		OY4G-----		Receiving diode gaseous rectifier.
OZ4-----	N16-T-54040----	D	OZ4-----		Duodiode gaseous rectifier, replace with OZ4A.
OZ4A-----			OZ4A/1003-----		See OZ4A/1003.
OZ4A/1003-----	N16-T-54040-10-		OZ4A/1003-----	1003, CK1003, OZ4A----	Duodiode gaseous rectifier OZ4 with increased current rating.
OZ4G-----	N16-T-54041----		OZ4G-----		Duodiode gaseous rectifier.
PJ4-----			PJ4-----		Special purpose triode vacuum control tube.
PM4-----	N16-T-54043----		PM4-----		Power measurement lamp.
RK4D32-----			4D32-----		See 4D32.
SN4-----	N16-T-54045----	B	SN4-----	R4101-----	Cold cathode neon discharge tube.
V4-----					Vacuum phototube.
VG4-----			VG4-----		Neon bulb (medium screw base).
WE4A-----			4A-----		See 4A.
WE4B-----			4B-----		See 4B.
WE4J21-----			4J21-----		See 4J21.
WE4J22-----			4J22-----		See 4J22.
WE4J23-----			4J23-----		See 4J23.
WE4J24-----			4J24-----		See 4J24.
WE4J25-----			4J25-----		See 4J25.
WE4J26-----			4J26-----		See 4J26.
WE4J27-----			4J27-----		See 4J27.
WE4J28-----			4J28-----		See 4J28.
WE4J29-----			4J29-----		See 4J29.
WE4J30-----			4J30-----		See 4J30.
WE4J45/720AY--			4J45-----		See 4J45.
WE4J46/720BY--			4J46-----		See 4J46.
WE4J47/720CY--			4J47-----		See 4J47.
4-----			4-----		Ballast tube (Philco).
4-60A-----			4-60A-----		Pulse tetrode.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
4-65A-----	N16-T-54048----		4-65A-----		Transmitting tetrode.
4-125A-----	N16-T-54050----		4D21-----		Transmitting tetrode amplifier oscillator.
4-250A-----	N16-T-54055----		5D22-----	X-117-----	Transmitting tetrode amplifier oscillator.
4-400A-----	F16-T-54067----				Transmitting, forced air cooled tetrode.
4-750A-----			4-750A-----		Transmitting, tetrode (obsolete) superseded by 4-1000A.
4-1000A-----	N16-T-54075----		4-1000A-----		Transmitting power tetrode.
4A-----	N16-T-54090----		4A-----	WE1A-----	Ballast tube.
4A1-----	N16-T-54100----	F	4A1-----		Ballast tube.
4A6G-----			4A6G-----		Receiving twin triode amplifier.
4A21-----			4A21-----		Ballast tube.
4AP1-----	N16-T-54105----		4AP1-----		Cathode ray (magnetic focus and deflection).
4AP10-----	N16-T-54150----	D	4AP10-----	ZP556, C7516B----	Cathode ray (magnetic focus and deflection).
4B-----			4B-----	WE4B-----	Ballast tube.
4B22-----	N16-T-54222----	J	4B22-----	EL5B2.5, 38402, EL5B-----	Duodiode gas rectifier (standard duty).
4B23-----	N16-T-54223----		4B23-----	EL5BHD, 38403-----	Duodiode gas rectifier (heavy duty).
4B24-----	N16-T-54224----	J	4B24-----	EL3C, 3C, 39404, CE4B24, CE224.	Duodiode gas rectifier.
4B25-----	N16-T-54225----	F	4B25-----	39574, 38674A, 6CF, EL6CF, WL670A, CE4B25, CE221.	Duodiode gas rectifier-EL-6C electrically same; has different base.
4B25/EL6C-----			4B25-----		See 4B25.
4B26-----	N16-T-54226----	J	4B26-----	RCA2000, 189049, F60 (Allen), WE289A, R6A 38116, WL289416D, J213AAA, CE226	Diode gas rectifier.
4B27-----	N16-T-54227----	J	4B27-----	16X377, 38897, 1297, CE201	Duodiode gas rectifier.
4B28-----	N16-T-54228----		4B28-----	GE189049, CE225, WL289414.	Diode gas rectifier.
4B30-----			15R-----		See 15R.
4B31-----	N16-T-54231----	F	4B31-----	QX99-----	Transmitting diode clipper-rectifier.
4B32-----	N16-T-54232----		4B32-----		Transmitting diode gas rectifier.
4B33-----			953B-----	HK953B-----	See 953B.
4B35-----	N16-T-54235----		4B35-----	12X825, 966626, WE327A	Diode gas rectifier.
4B36-----	N16-T-54236----		4B36-----	20X672, 859483, Tungar 5A	Diode gas rectifier.
4C21-----	N16-T-54321----		211-----	Commercial 211, Commercial 211 Special, Army VT-4C	Type 211 with low grid current limits.
4C22-----	N16-T-54322----	F	4C22/HF100-----	RX51, HF100, C101, P150	Transmitting triode amplifier and oscillator (similar to 100TH, RK38, and HK254).
4C22/HF100-----	N16-T-54327----	I	4C22/HF100-----	RX51, HF100, C101, P150-	Transmitting triode amplifier and oscillator (Similar to 100TH, RK38, HK254).
4C23-----			4C23-----		Transmitting special purpose.
4C24-----			HV12/T814-----		Transmitting special purpose. (See HV12).
4C25-----			HK54-----		See HK54.
4C26-----			4C26-----	51B-----	Transmitting triode.
4C27-----			CV92-----	REL7, NT99, 9026, CV92, E1232, CV92/4C27	Transmitting triode (British).
4C28-----	N16-T-54330----		4C28-----	4C27-----	4C27 without shield.
4C30-----			15E-----		See 15E.
4C32-----			4C32-----		Transmitting triode amplifier modulator.
4C33-----	N16-T-54333----	A	4C33-----	A2212B-----	Transmitting UHF triode-forced air cooled.
4C34-----			4C34-----		Transmitting triode (similar to HF300).
4C35-----	N16-T-54335----	E	4C35-----	ZG529, H350, R6210, GL529	Grid controlled gas rectifier modulator.
4C35A-----	N16-T-54336----		4C35A-----		Grid controlled gas rectifier modulator.
4C36-----			4C36-----		Transmitting triode.
4D21-----	N16-T-54421----		4D21-----	X103, 4-125A-----	Transmitting tetrode UHF oscillator amplifier.
4D22-----	N16-T-54422----		4D22-----		Transmitting VHF beam power amplifier.
4D23-----	N16-T-54423----		4D23-----		Transmitting tetrode.
4D32-----	N16-T-54424----		4D32-----	RX1032-----	Transmitting VHF beam power amplifier.
4E-----	N16-T-54426----		1B71-----	62037, 1B71-----	Gamma counter tube.
4E27-----	N16-T-54427----	G	4E27-----	HK257B, 7B-----	Identical to HK257 (8001), except 3/4-inch shorter in height.
4G5W-----					See 4WB.



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First Edition

SECTION  
16-820  
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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
4GTP-----			5WB-----		See 5WB.
4H3-----	N16-T-54500----		4H3-----		Ballast.
4J21-----	N16-T-54521----	D	4J21-----	WE4J21, 1402-----	Transmitting UHF oscillator-Magnetron.
4J22-----	N16-T-54522----	D	4J22-----	WE4J22, 1402-----	Transmitting UHF oscillator-Magnetron.
4J23-----	N16-T-54523----	D	4J23-----	WE4J23, 1402-----	Transmitting UHF oscillator-Magnetron.
4J24-----	N16-T-54524----	D	4J24-----	WE4J24, 1402-----	Transmitting UHF oscillator-Magnetron.
4J25-----	N16-T-54525----	D	4J25-----	WE4J25, 1402-----	Transmitting UHF oscillator-Magnetron.
4J26-----	N16-T-54526----	D	4J26-----	WE4J26, 1401-----	Transmitting UHF oscillator-Magnetron.
4J27-----	N16-T-54527----	D	4J27-----	WE4J27, 1401-----	Transmitting UHF oscillator-Magnetron.
4J28-----	N16-T-54528----	D	4J28-----	WE4J28, 1401-----	Transmitting UHF oscillator-Magnetron.
4J29-----	N16-T-54529----	D	4J29-----	WE4J29, 1401-----	Transmitting UHF oscillator-Magnetron.
4J30-----	N16-T-54530----		4J30-----	WE4J30, 1401-----	Transmitting UHF oscillator-Magnetron.
4J31-----	N16-T-54531----		4J31-----	HK7-----	Transmitting UHF oscillator-Magnetron.
4J31-35----		D	4J31-35----	HK-7-----	Magnetron.
4J32-----	N16-T-54532----		4J32-----	HK7-----	Transmitting UHF oscillator-Magnetron.
4J33-----	N16-T-54533----		4J33-----	HK7-----	Magnetron.
4J34-----	N16-T-54534----		4J34-----	HK7-----	Magnetron.
4J35-----	N16-T-54535----		4J35-----	HK7-----	Magnetron.
4J36-----	N16-T-54536----	D	4J36-----	H15S-----	Magnetron.
4J37-----	N16-T-54537----	D	4J37-----	H15S-----	Transmitting UHF oscillator-Magnetron.
4J38-----	N16-T-54538----	D	4J38-----	H15S-----	Transmitting UHF oscillator-Magnetron.
4J39-----	N16-T-54539----	D	4J39-----	H15S-----	Transmitting UHF oscillator-Magnetron.
4J40-----	N16-T-54540----	D	4J40-----	H15S-----	Transmitting UHF oscillator-Magnetron.
4J41-----	N16-T-54541----	D	4J41-----	H15S-----	Transmitting UHF oscillator-Magnetron.
4J42-----	N16-T-54542----	D	4J42-----	1440-M, 700T-----	Transmitting UHF oscillator-Magnetron.
4J43-----	N16-T-54543----		4J43-----		Tunable type 700 magnetron.
4J43-44----			4J43-44----		Magnetron.
4J44-----	N16-T-54544----		4J44-----		Transmitting UHF oscillator-Magnetron.
4J45-----			4J45-----	WE4J45/720AY, 1379M-----	Magnetron.
4J45/720AY----	N16-T-54545----		4J45-----	WE4J45/720AY, 1379M-----	Magnetron (supersedes 720AY).
4J46-----			4J46-----	WE4J46/720BY, 1379M-----	Magnetron (supersedes 720BY).
4J46/720BY----	N16-T-54546----		4J46-----	WE4J46/720BY, 1379M-----	Magnetron (supersedes 720BY).
4J47-----	N16-T-54547----		4J47-----	WE4J47/720CY, 1379M-----	Magnetron (supersedes 720CY).
4J47/720CY----	N16-T-54548----		4J47-----	4J47/720CY, 1379M-----	Magnetron (supersedes 720CY).
4J50-----	N16-T-54550----		4J50-----	1397M-----	See 4J47.
4J51-----	N16-T-54551----	D	4J51-----	1443M, 728T-----	Transmitting UHF oscillator-Magnetron.
4J52-----	N16-T-54552----		4J52-----	1471-----	Magnetron-Supersedes 728-Tunable 728.
4J53-----			4J53-----		Transmitting UHF oscillator-Magnetron.
4J54-----	N16-T-54554----		4J54-----		Transmitting UHF oscillator-Magnetron.
4J55-----	N16-T-54555----		4J55-----		Transmitting UHF oscillator-Magnetron.
4J56-----	N16-T-54556----		4J56-----		Transmitting UHF oscillator-Magnetron.
4J57-----	N16-T-54557----	D	4J57-----	QK915C-----	Transmitting UHF oscillator-Magnetron.
4J58-----	N16-T-54558----	D	4J58-----	QK915B-----	Transmitting UHF oscillator-Magnetron.
4J59-----	N16-T-54559----	D	4J59-----	QK915A-----	Transmitting UHF oscillator-Magnetron.
4J60-----	N16-T-54560----		4J60-----		Transmitting UHF oscillator-Magnetron.
4J60-65----			4J60-65----	QK69-75, QK78-----	Magnetron.
4J61-----	N16-T-54561----		4J61-----		See QK59-62, Magnetron Series-Modified
4J62-----	N16-T-54562----		4J62-----		QK-59-62.
4J63-----	N16-T-54563----		4J63-----		Magnetron.
4J64-----	N16-T-54564----		4J64-----		Magnetron.
4J65-----	N16-T-54565----		4J65-----		Magnetron.
4J70-77----			4J70-77----	3064-----	Magnetron.
4J73-----	N16-T-54578----		4J73-----	Special 1397M-----	Transmitting UHF oscillator-Magnetron.
4K34-----	N16-T-54634----		4K34-----	414-----	4J50 except for frequency.
4L-----					Velocity variation VHF oscillator.
4M-----	N16-T-54650----				Type 135 square wave generator.
4R83-----			1B72-----	62003, 1B72-----	Gamma counter tube.
				4R83, NU4R83, 59AL, CE4R83, G12.	Gas phototube.
4S-----			2S/4S-----	59A, 4GS7-----	See 2S/4S.
4SR83-----					Gas phototube (same as 4R83 except for base).
4V-----					Vacuum phototube.
4W1250A----			4W1250A----	CE4V-----	Transmitting tetrode-water cooled.
4WB-----				CE4WB, NU4WB, 53AWB, 4GS7, G5	Phototube.
4X100A-----	N16-T-54900----		4X100A-----		Transmitting tetrode.
4X150A-----	N16-T-54950----		4X150A-----	X424D-----	Transmitting tetrode.
4X500A-----			4X500A-----		Transmitting UHF tetrode-Forced air cooled.
ARDD5-----			VR54(Br.)-----		See VR54(Br.).
AU5-----			VU111-----		See VU111.
B5E4-----	N16-T-55000----		B5H4-----		Ballast tube.
C5A-----	N16-T-55010----		C5A-----	Navy Type B, ELC5A----	Superseded by C6A-Replace with C6A.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
C5B-----	N16-T-55020----	F	C5B-----	1552, FLC5B, 5C30, CE315	Grid controlled gas rectifier.
CE5-----			CE5A/B, BB, C, D--		Gas phototube.
CE5A/B-----			CE5A/B-----		Phototube.
CE5BB-----			5BB-----		See 5BB.
CE5C-----			CE5C-----		Phototube.
CE5D-----			CE5D-----		Phototube.
CE5TB-----			5TB-----		See 5TB.
CR5-----			CR5-----		Grid controlled gas rectifier.
E5A-----			3J31-----		See 3J31.
EL53-----			4B22-----	28102, EL5B2, 5----	See 4B22.
EL5B2, 5-----			4B22-----		See 4B22.
EL5BHD-----			4B23-----	33103-----	See 4B23.
ELC5A-----			C5A-----		See C5A.
ELC53-----			C5B-----		See C5B.
EM53C-----	N16-T-55030----		EM53C-----	1552-----	Electrostatic storage tube.
G5-----			G5-----		Gas phototube.
GA5-----			1B32/532A-----	532A-----	See 1B32/532A.
GA5A-----			532-----		See 532.
GL5FP7-----			5FP7-----		See 5FP7.
KR5-----					Receiving power amplifier pentode.
NE5-----			NE5-----		Unbased argon lamp T-2.
NU5BB-----			5BB-----		See 5BB.
NU5TB-----			5TB-----		See 5TB.
OA5-----	N16-T-55050----		OA5-----		Cold cathode relay tube.
PM5-----	N16-T-55060----		PM5-----		Power measurement lamp.
REL5-----			VT93(Br.)-----	93R, 10E/224-----	See VT93(Br.).
Tungar 5A-----			4B36-----		See 4B36.
V5-----			V5-----		Vacuum phototube.
WE5B-----			5B-----		See 5B.
5, 0-----			C6A-----		See C6A.
5, 4-----	N16-T-55070----		5, 4-----		Ballast.
5A6-----			5A6-----	DT275-----	Receiving RF power amplifier-miniature.
5AB-----			5AB-----	53AB, CE5AB, NU5AB--	Gas phototube.
5AP1-----	N16-T-55100----	F	5AP1-----	1905P1-----	Cathode ray (electrostatic focus and deflection).
5AP1A-----	N16-T-55100-50--		5AP1A-----		Cathode ray tube.
5AP4-----			5AP4-----	1905P4, 5AP4/1905P4--	Cathode ray (replace with 5AP1)-obsolete
5AP4/1805P4-----			5AP4-----		See 5AP4.
5AZ4-----	N16-T-55109----		5AZ4-----		Lock-in version of 5Y3GT.
5B-----	N16-T-55110----		5B-----	WE5B-----	Ballast tube.
5B2, 5-----			4B22-----	EL5B2, 5-----	See 4B22.
5B21-----	N16-T-55114----		5B21-----	G633, R15A, 2172B3, 766776, CE235, 2193	Diode gas rectifier.
5B24-----			3B674-----	45X674, 1674-----	Duodiode gas rectifier-Replace with 4B25
5B33-----			953D-----	HK953D-----	See 953D.
5BB-----			5BB-----	G16R, 53ABB, CE5BB, NU5BB	Gas phototube.
5BH4-----			5BH4-----		Ballast tube.
5BP1-----	N16-T-55119----	I	5BP1-----	2P430, 2525A5, 1902P1, (5HP1).	Cathode ray (electrostatic focus and deflection).
5BP1A-----	N16-T-55119----		5BP1A-----		Zero Ibl version of 5BP1.
5BP1XXX-----			5GP1-----		Contact ray (replace with 5BP1).
5BP2-----	N16-T-55121----		5BP2-----		Cathode ray (electrostatic focus and deflection).
5BP2A-----	N16-T-55121-50--		5BP2A-----		Cathode ray tube.
5BP4-----	N16-T-55124----	I	5BP4-----	2525B5, 1902P4, (5HP4), 2P453	Cathode ray (replace with 5BP1)-obsolete
5BP5-----	N16-T-55125----		5BP5-----		Cathode ray (electrostatic focus and deflection).
5BP5A-----	N16-T-55125-30--		5BP5A-----		Cathode ray tube.
5BP7A-----	N16-T-55125-50--		5BP7A-----		Cathode ray tube-Canadian
5BP11-----			5BP11-----		Old Dumont 5BP5; longer persistence than 5BP5.
5BP11A-----	N16-T-55126----		5BP11A-----		Cathode ray tube.
5C21-----			C6J-----	CE306, FLC6J-----	Grid controlled gas rectifier.
5C22-----	N16-T-55129----	D	5C22-----	OK50, 2G569, R6243, H1000	Grid controlled gas rectifier.
5C23-----			5C23-----	53AX-----	ELIAC.
5C24-----	N16-T-55129-30--		5C24-----		Transmitting triode.
5C27-----			227A-----		See 227A.
5C30-----			C5B-----	1552, CE315-----	See C5B.
5C37-----			327A-----		See 327A.
5CP1-----	N16-T-55131----	J	5CP1-----	2P517, C7520-----	Cathode ray (electrostatic focus and deflection).
5CP1A-----	N16-T-55132----	J	5CP1A-----		Zero Ibl version of 5CP1.
5CP2A-----	N16-T-55133----		5CP2A-----		Cathode ray tube.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
SCP4-----	N16-T-55134----		SCP4-----	2P519, C7491-----	Cathode ray (replace with SCP11)-obsolete
SCP5-----	N16-T-55135----		SCP5-----		Cathode ray (electrostatic focus and deflection).
SCP5A-----	N16-T-55135-25-		SCP5A-----		Cathode ray tube.
SCP7-----	N16-T-55137----	D	SCP7-----	C7519-----	Cathode ray (electrostatic focus and deflection).
SCP7A-----	N16-T-55137-25-	D	SCP7A-----		Zero Ibl version of SCP7.
SCP11-----	N16-T-55137-50-		SCP11-----		Old Dumont SCP5; Longer Persistence than present SCP5.
SCP11A-----	N16-T-55137-55-		SCP11A-----		Cathode ray, zero Ibl version of SCP11.
SCP12-----	N16-T-55139----	E	SCP12-----		Cathode ray (electrostatic focus and deflection).
SCP12A-----	N16-T-55139----		SCP12A-----		Cathode ray tube.
SD21-----	N16-T-55221----	E	SD21-----		Selected type 715B, may be replaced by 715C.
SD22-----	N16-T-55222----		SD22-----	X117, 4-250A-----	Transmitting tetrode UHF amplifier oscillator (similar to SD24).
SD23-----	N16-T-55223----		SD23-----	RK65-----	Transmitting tetrode power amplifier.
SD24-----	N16-T-55224----		SD24-----		Transmitting tetrode.
SDP1-----	N16-T-55226----		SDP1-----		Cathode ray (electrostatic focus and deflection).
SE1-----	N16-T-55229----		SE1-----		Ballast tube.
SEP1-----			SEP1-----		Cathode ray (electrostatic focus and deflection).
SEP7-----			SEP7-----		Cathode ray (electrostatic focus and deflection).
SFP1A-----	N16-T-55231----		SFP1A-----		Cathode ray (electrostatic focus and deflection).
SFP4-----	N16-T-55244----		SFP4-----		Cathode ray, magnetic focus and deflection.
SFP4A-----	N16-T-55244-5--		SFP4A-----		Cathode ray tube.
SFP5-----	N16-T-55245----		SFP5-----	1912P5-----	Cathode ray tube (Magnetic focus and deflection).
SFP7-----	N16-T-55247----	G	SFP7-----	1312P7, GL475, C7474D GL5FP7, 2P475	Cathode ray (magnetic focus and deflection).
SFP7A-----	N16-T-55247-5--		SFP7A-----		Cathode ray (magnetic focus and deflection).
SFP11A-----	N16-T-55249-5--	F	SFP11A-----		Cathode ray tube.
SFP14-----	N16-T-55249----		SFP14-----		Cathode ray tube.
SGP1-----	N16-T-55251----		SGP1-----		Cathode ray (magnetic focus and deflection).
S-H4-----	N16-T-55254----		S-H4-----		Cathode ray (in Navy equipment replace with 5BP1).
SHP1-----	N16-T-55261----	F	SHP1-----	C7503-----	Ballast tube.
SHP1A-----	N16-T-55261-5--	F	SHP1A-----		Cathode ray (Type 5BP1 with micanol base).
SHP4-----	N16-T-55264----		SHP4-----	C7512-----	Zero Ibl version of SHP1.
SJ21-----	N16-T-55321----		SJ21-----	1332M-----	Cathode ray (replace with SHP1); obsolete.
SJ22-----	N16-T-55322----		SJ22-----	1332M-----	Transmitting UHF oscillator-Magnetron.
SJ23-----	N16-T-55323----		SJ23-----	1332M-----	Transmitting UHF oscillator-Magnetron.
SJ24-----	N16-T-55324----		SJ24-----	1332M-----	Transmitting UHF oscillator-Magnetron.
SJ25-----	N16-T-55325----		SJ25-----	1332M-----	Transmitting UHF oscillator-Magnetron.
SJ26-----	N16-T-55326----		SJ26-----	14"5V-----	Transmitting UHF oscillator-Magnetron.
SJ29-----	N16-T-55329----	A	SJ29-----	2P579, F579-----	Tunable 4J21-30 Magnetron.
SJ30-----	N16-T-55330----	A	SJ30-----	2P590, F590-----	Transmitting UHF oscillator-CW magnetron-Superseded by 2675.
SJ31-----	N16-T-55331----		SJ31-----	2P594, F594-----	Transmitting UHF oscillator-CW magnetron-Obsolete, superseded by SJ32.
SJ32-----	N16-T-55332----	A	SJ32-----	2P616-----	Transmitting UHF oscillator-CW magnetron-Obsolete, superseded by SJ33.
SJ33-----	N16-T-55333----		SJ33-----	2P676, 2676-----	Transmitting UHF oscillator-CW magnetron-supersedes SJ30.
SJP1-----	N16-T-55341----	J	SJP1-----	2529A5-----	Transmitting UHF oscillator CW magnetron-Supersedes SJ31.
SJP1A-----	N16-T-55341-5--		SJP1A-----		Cathode ray (electrostatic focus and deflection).
SJP2-----	N16-T-55342----	E	SJP2-----	2529B5-----	Cathode ray tube.
SJP2A-----	N16-T-55342-5--		SJP2A-----		Cathode ray (electrostatic focus and deflection).
SJP4-----	N16-T-55344----	F	SJP4-----	2529D5-----	Cathode ray tube.
SJP4A-----	N16-T-55344-50-		SJP4A-----		Cathode ray (replace with SJP1).
SJP5-----	N16-T-55345----		SJP5-----	2529C5-----	Cathode ray tube.
SJP5A-----	N16-T-55346----		SJP5A-----		Cathode ray (electrostatic focus and deflection).
SJP7-----	N16-T-55347----		SJP7-----		Cathode ray tube.
SJP7A-----	N16-T-55348----		SJP7A-----		Cathode ray tube.

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5JP11-----	N16-T-55351----		5JP11-----		Old Dumont 5JP5; longer persistence then present 5JP5.
5JP11A-----	N16-T-55351-5--		5JP11A-----		Cathode ray tube.
5K40-----			5K40-----	420R, 5K40/420--	Velocity variation oscillator amplifier. See 5K40.
5K40/420-----			5K40-----		
5LP1-----	N16-T-55361----	F	5LP1-----	2511A5-----	Cathode ray (electrostatic focus and deflection).
5LP1A-----	N16-T-55361-50-		5LP1A-----		Cathode ray tube.
5LP2-----	N16-T-55362----		5LP2-----	2511B5-----	Cathode ray (electrostatic focus and deflection).
5LP2A-----	N16-T-55362-5--		5LP2A-----		Cathode ray tube.
5LP4-----			5LP4-----	2511D5-----	Cathode ray (replace with 5LP1).
5LP5-----	N16-T-55365----		5LP5-----	2511C5-----	Cathode ray (electrostatic focus and deflection).
5LP5A-----	N16-T-55366----		5LP5A-----		Cathode ray tube.
5LP7-----	N16-T-55367----		5LP7-----		Cathode ray (electrostatic focus and deflection).
5LP7A-----	N16-T-55369----		5LP7A-----		Cathode ray tube.
5LP11-----	N16-T-55369----		5LP11-----		Old Dumont 5LP5; longer persistence then present 5LP5.
5LP11A-----	N16-T-55370----		5LP11A-----		Cathode ray tube.
5LRP1-----			5LRP1-----		Cathode ray, potentiometer.
5MP1-----	N16-T-55371----		5MP1-----	2505A5-----	Cathode ray (electrostatic focus and deflection).
5MP4-----			5MP4-----	2505D5-----	Cathode ray (replace with 5MP1).
5MP5-----			5MP5-----	2505C5-----	Cathode ray (electrostatic focus and deflection).
5MP11-----			5MP11-----		Old Dumont 5MP5; longer persistence then present 5MP5.
5NP1-----	N16-T-55381----	F	5NP1-----	Old Sylvania 5BP1----	Cathode ray (5BP1 with restricted gun length).
5NP4-----			5NP4-----		Cathode ray (replace with 5NP1).
5R4GY-----	N16-T-55444----	J	5R4GY-----	R-6175B-----	Receiving duodiode rectifier.
5R4WGY-----	N16-T-55446----		5R4WGY-----		Receiving duodiode rectifier. Ruggedized version of 5R4GY.
5RP1-----	N16-T-55450----		5RP1-----		Cathode ray tube.
5RP1A-----	N16-T-55450-2--		5RP1A-----		Cathode ray tube.
5RP2-----	N16-T-55450-5--		5RP2-----		Cathode ray tube.
5RP2A-----	N16-T-55450-7--		5RP2A-----		Cathode ray tube.
5RP4A-----	N16-T-55450-10-		5RP4A-----		Cathode ray tube.
5RP5A-----	N16-T-55450-14-		5RP5A-----		Cathode ray tube.
5RP7-----	N16-T-55450-30-		5RP7-----		Cathode ray tube.
5RP7A-----	N16-T-55450-32-		5RP7A-----		Cathode ray tube.
5RP10A-----	N16-T-55450-42-		5RP10A-----		Cathode ray tube.
5RP11-----	N16-T-55450-50-		5RP11-----		Cathode ray tube.
5RP11A-----	N16-T-55450-51-		5RP11A-----		Cathode ray tube.
5SP1-----	N16-T-55451----		5SP1-----		Cathode ray tube.
5SP2-----	N16-T-55451-20-		5SP2-----		Twin cathode ray (electrostatic focus and deflection).
5SP4-----			5SP4-----		Twin cathode ray (electrostatic focus and deflection).
5SP5-----	N16-T-55451-30-		5SP5-----		Twin cathode ray (electrostatic focus and deflection).
5SP7-----	N16-T-55452----		5SP7-----		Cathode ray tube.
5SP11-----	N16-T-55453----		5SP11-----		Twin cathode ray (electrostatic focus and deflection).
5T4-----	N16-T-55454----	F	5T4-----		Twin cathode ray (electrostatic focus and deflection).
5TP4-----	N16-T-55458----		5TP4-----		Receiving duodiode rectifier.
5U4G-----	N16-T-55464----	L	5U4G-----		Cathode ray, mirror backed projection (electrostatic focus and magnetic deflection).
5U4GA-----			5U4G-----		Receiving duodiode rectifier (similar to 5Z3, 5T4 and British VU71).
5U4WG-----	N16-T-55467----	L	5U4WG-----		Obsolete (superseded by 5U4WG).
5UP1-----	N16-T-55470----		5UP1-----		Ruggedized version of 5U4G.
5UP7-----	N16-T-55470-10-		5UP7-----		Cathode ray (electrostatic focus and deflection).
5UP11-----	N16-T-55470-60-		5UP11-----		Cathode ray tube.
5V4G-----	N16-T-55474----	L	5V4G-----		Cathode ray tube.
5V4GY-----	N16-T-55478----		5V4GY-----		Receiving duodiode rectifier (nearest equivalent is 5U4G).
5VP7-----			5VP7-----		Type 5V4G with micanol base.
5W4-----	N16-T-55540----	Q	5W4-----		Cathode ray (electrostatic focus and deflection).
5W4G-----	N16-T-55543----		5W4G-----		Receiving duodiode rectifier.
5W4GT-----			5W4GT/G-----		See 5W4GT/G (replace with 5W4GT/G).

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5W4GT/G-----	N16-T-55545----		5W4GT/G-----		Receiving duodiode rectifier (similar to 5Y3GT, 5V4G, 5Z4GT). Gas phototube.
5W8-----				5W8B, WL739, 4GTP, C85WB, NUS#B, G4.	
5WP11-----			5WP11-----		
5WP15-----	N16-T-55550----		5WP15-----		Cathode ray, metal backed (electrostatic focusing and magnetic deflection).
5X2P1-----	N16-T-55620----		5X2P1-----		Cathode ray, metal backed (electrostatic focusing and magnetic deflection).
5X2P2-----			5X2P2-----		Cathode ray, dual gun (electrostatic focus and deflection).
5X2P4-----			5X2P4-----		Cathode ray, dual gun (electrostatic focus and deflection).
5X2P5-----	N16-T-55624----		5X2P5-----		Cathode ray, dual gun (electrostatic focus and deflection).
5X3-----	N16-T-55630----		5X3-----		Cathode ray dual gun (electrostatic focus and deflection).
5X3P1-----	N16-T-55632----		5X3P1-----		Receiving duodiode rectifier (similar to 80, 83V).
5X3P5-----			5X3P5-----		Cathode ray, triple gun (electrostatic focus and deflection).
5X3P11-----			5X3P11-----		Cathode ray, triple gun (electrostatic focus and deflection).
5X4G-----	N16-T-55640----	I	5X4G-----		Cathode ray, triple gun (electrostatic focus and deflection).
5X4GT-----	N16-T-55645----		5X4GT-----		Receiving duodiode rectifier (Type 523 characteristics).
5XP1-----			5XP1-----		Receiving duodiode rectifier.
5XP2-----			5XP2-----		Cathode ray tube, high voltage, high sensitivity (electrostatic focus and deflection.).
5XP7-----			5XP7-----		Cathode ray tube, high voltage, high sensitivity (electrostatic focus and deflection.).
5XP11-----			5XP11-----		Cathode ray tube, high voltage, high sensitivity (electrostatic focus and deflection.).
5Y3G-----	N16-T-55733----	J	5Y3G-----		Cathode ray tube, high voltage, high sensitivity (electrostatic focus and deflection.).
5Y3GT-----		K	5Y3GT/G-----		See 5Y3GT/G; replace with 5Y3GT/G.
5Y3GT/G-----	N16-T-55735----		5Y3GT/G-----		See 5Y3GT/G.
5Y3P1-----			5Y3P1-----		Receiving duodiode rectifier (similar to 5W4GT/G, 5V4G).
5Y3P2-----			5Y3P2-----		Cathode ray tube-triple gun.
5Y3P4-----			5Y3P4-----		Cathode ray tube-triple gun.
5Y3P5-----			5Y3P5-----		Cathode ray tube-triple gun.
5Y3P11-----			5Y3P11-----		Cathode ray tube-triple gun.
5Y3GT-----	N16-T-55739----		5Y3GT-----		Cathode ray tube-triple gun.
5Y4G-----	N16-T-55743----		5Y4G-----		Ruggedized version of 5Y3GT.
5Y4GT-----	N16-T-55744----		5Y4GT-----		Receiving duodiode rectifier (Type 90 characteristics).
5Z2P1-----	N16-T-55910----		5Z2P1-----		Receiving duodiode rectifier.
5Z2P2-----	N16-T-55920----		5Z2P2-----		Cathode ray, dual gun (electrostatic focus and deflection).
5Z2P4-----			5Z2P4-----		Cathode ray, dual gun (electrostatic focus and deflection).
5Z2P5-----	N16-T-55923----		5Z2P5-----		Cathode ray, dual gun (electrostatic focus and deflection).
5Z2P7-----	N16-T-55925----		5Z2P7-----		Cathode ray, dual gun (electrostatic focus and deflection).
5Z2P11-----	N16-T-55928----		5Z2P11-----		Cathode ray tube-dual gun.
5Z2P11-S1-----	N16-T-55929----		5Z2P11-S1-----		Cathode ray, dual gun (electrostatic focus and deflection).
5Z3-----	N16-T-55930----	M	5Z3-----		Cathode ray, dual gun (electrostatic focus and deflection).
5Z3P1-----			5Z3P1-----		Receiving duodiode rectifier (5U4G characteristics).
5Z3P2-----			5Z3P2-----		Cathode ray tube-triple gun.
5Z3P4-----			5Z3P4-----		Cathode ray tube-triple gun.
5Z3P5-----			5Z3P5-----		Cathode ray tube-triple gun.
5Z3P11-----			5Z3P11-----		Cathode ray tube-triple gun.
5Z4-----	N16-T-55940----	P	5Z4-----		Cathode ray tube-triple gun.
5Z4G-----	N16-T-55943----		5Z4G-----		Receiving duodiode rectifier.
5Z4GT-----			5Z4GT/G-----		See 5Z4GT/G; Superseded by 5Z4GT/G.

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5Z4GT/G-----	N16-T-55945----		5Z4GT/G-----		Receiving duodiode rectifier (similar to 5V4G, 5Y3GT/G, 5H4GT/G)-Obsolete. nearest equivalent to 5Z4.
5Z4MG-----			5Z4MG-----		Obsolete, equivalent to 5Z4.
5Z4P1-----			5Z4P1-----		Cathode ray tube-quadruple gun.
5Z4P2-----	N16-T-55948----		5Z4P2-----		Cathode ray tube-quadruple gun.
5Z4P4-----			5Z4P4-----		Cathode ray tube-quadruple gun.
5Z4P5-----			5Z4P5-----		Cathode ray tube-quadruple gun.
5Z4P11-----	N16-T-55957----		5Z4P11-----		Cathode ray tube-quadruple gun.
B6-----	N16-T-55960----		B6-----		Ballast tube.
B36-----	N16-T-55965----		B36-----	100C, 1B75, 62011----	Beta-Gamma counter tube.
C6A-----	N16-T-56000----		C6A-----	ELC6A, 1661, Navy Type C	Grid controlled gas rectifier, super-sedes ELC5A.
C6J-----	N16-T-56050----		C6J-----		Grid controlled gas rectifier.
C6J60-----			C6J60-----		Xenon filled grid controlled thyatron.
C6J/A-----			5635-----		See 5685.
C6L-----			552B-----	CE326-----	See 5528.
C6M-----			C6M-----		Thyratron.
CA6-----	N16-T-56055----		CA6-----		X-ray tube (crystal analyzing).
CE6-----			CE6A/B,C,D-----		Phototube.
CE6A/B-----			CE6A/B-----		Phototube.
CE6C-----			CE6C-----		Phototube.
CE6D-----			CE6D-----		Phototube.
CV6-----			CV6-----	EL148 (0.2 amps.)----	UHF triode (British).
EL6B-----	N16-T-56073----		EL6B-----		Half wave gas rectifier.
EL6C-----			6C-----		4325 electrically same; has different base.
EL6CF-----			4B25-----	6CF, 38674A, CE221----	See 4B25.
ELC6A-----			C6A-----		See C6A.
ELC6C-----	N16-T-56075----		C6C-----		Grid controlled gas rectifier.
ELC6J-----			C6J-----		See C6J.
FA6-----			FA6-----		Vacuum switch (SPDT).
FR6-----			FR6-----		Neon voltage regulator.
G6-----	N16-T-56080----				Gas phototube.
GL6C21-----			6C21-----		See 6C21.
HY6A8GTX-----			6A8GTX-----		See 6A8GTX.
HY6J5GTX-----			6J5GTX-----		See 6J5GTX.
HY6J7GTX-----			6J7GTX-----		See 6J7GTX.
HY6K7GTX-----			6K7GTX-----		See 6K7GTX.
HY6K8GTX-----			6K8GTX-----		See 6K8GTX.
HY6L6GX-----			6L6GX-----		See 6L6GX.
HY6SA7GTX-----			6SA7GTX-----		See 6SA7GTX.
HY6SJ7GTX-----			6SJ7GTX-----		See 6SJ7GTX.
HY6SK7GTX-----			6SK7GTX-----		See 6SK7GTX.
HY6V6GTX-----			6V6GTX-----		See 6V6GTX.
NB6-----			NB6-----		Resistance tube (Raytheon)-Obsolete.
PM6-----	N16-T-56081----		PM6-----		Power measurement lamp.
QF6-----	N16-T-56082----		RK61-----		See RK61.
R6A-----			4B26-----		See 4B26.
RK6D21-----			6D21-----		See 6D21.
RK6D22-----			6D22-----		See 6D22.
SS6C5G-----			SS6C5G-----		Special selected 6C5G (Replace with 6C5GT/G).
SS6J5GT/G-----			SS6J5GT/G-----		Special selected 6J5GT/G.
SS6K7G-----			6K7G-----		See 6K7G.
SS6N7G-----			SS6N7G-----		See 6N7GT/G; Replace with 6N7GT/G.
SS6V6G-----			SS6V6G-----		See 6V6GT/G; replace with 6V6GT/G.
TGC-6-----			TGC-6-----		Geiger-Mueller counter tube.
V6-----	N16-T-56085----		V6-----		Vacuum phototube.
WE6A-----			6A-----		See 6A.
WE6B-----			6B-----		See 6B.
ZP6B-----			2C43-----		See 2C43.
6-----			6A-----		See 6A.
6-4-----	N16-T-56090----	F	6-4-----		Ballast tube.
6-4B-----	N16-T-56090-25----		6-4B-----		Ballast.
6-3B-----	N16-T-56092----	K	6-3B-----		Ballast tube.
6-10-----	N16-T-56093----		6-10-----		Ballast.
6-11-----	N16-T-56094----		6-11-----		Ballast.
6-11A-----	N16-T-56094-25----		6-11A-----		Ballast.
6A-----			6A-----	WE6A-----	Current regulator-Ballast.
6A3-----	N16-T-56103----		6A3-----		Receiving triode power amplifier (Type 6B4G characteristics).
6A3 special-----			6A3 special-----	FNH-----	special type 6A3.
6A4-----			6A4/LA-----		See 6A4/LA.
6A4/LA-----	N16-T-56104----		6A4/LA-----	LA-----	Receiving pentode power amplifier-Obsolete (similar to 52 and 41).
6A5-----	N16-T-56104-20----		6A5-----		Receiving triode power amplifier.

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6A5G-----	N16-T-56105----		6A5G-----		Receiving triode power amplifier-Ob- solete (nearest equivalent is 6B4G).
6A6-----	N16-T-56106----	I	6A6-----	33616-----	Receiving twin triode amplifier (6X4 Characteristics).
6A6X-----			6A6X-----		Type 6A6 with ceramic base.
6A7-----	N16-T-56107----	B	6A7-----		Receiving pentagrid converter.
6A7G-----			6A7G-----		Receiving pentagrid converter (shielded Type 6A7).
6A8-----	N16-T-56108----	F	6A8-----		Receiving pentagrid converter.
6A8G-----	N16-T-56109----	F	6A8G-----		Receiving pentagrid converter (obsolete, use 6A8GT).
6A8GT-----	N16-T-56110----	F	6A8GT-----		Receiving pentagrid converter (similar to 6D8G and 6A7).
6A8GTX-----			6A8GTX-----		Receiving pentagrid converter-ceramic.
6A8MG-----			6A8MG-----		Obsolete-equivalent to 6A8, 6A8G, and 6A8GT.
6AB4-----	N16-T-56124----		6AB4-----		Receiving miniature r-f triode.
6AB5-----	N16-T-56125----		6A35/6N5-----		See 6A35/6N5.
6AB5/6N5-----	N16-T-56125-10-		6AB5/6N5-----	6N5, 6AB5-----	Electron ray tuning indicator-Obsolete (similar to 6E5 and 6U5/6G5).
6AB6G-----	N16-T-56126----		6AB6G-----		Receiving power amplifier (obsolete).
6AB7-----	N16-T-56127----	K	6AB7-----	1853-----	Receiving pentode amplifier.
6AB7/1853-----			6AB7-----	1853-----	See 6AB7.
6AB7Y-----	N16-T-56127-50-		6AB7Y-----		6AB7 with Micanol base.
6AC5-----	N16-T-56135----		6AC5-----		See 6AC5GT/G.
6AC5G-----	N16-T-56136----		6AC5G-----		See 6AC5GT/G; replace with 6AC5GT/G.
6AC5GT-----	N16-T-56137----		6AC5GT-----		See 6AC5GT/G.
6AC5GT/G-----			6AC5GT/G-----		Receiving triode power amplifier.
6AC6G-----			6AC6G-----		Receiving power amplifier.
6AC6GT-----			6AC6GT-----		Receiving power amplifier.
6AC7-----	N16-T-56139----	G	6AC7-----	1852-----	Receiving pentode amplifier.
6AC7/1852-----			6AC7-----	1852-----	See 6AC7.
6AC7A-----	N16-T-56139----		6AC7A-----		Obsolete, superseded by 6AC7W.
6AC7W-----	N16-T-56140----	F	6AC7W-----	A4073F-----	Ruggedized version of 6AC7 (similar to 1649).
6AC7Y-----	N16-T-56141----		6AC7Y-----		6AC7 with Micanol base.
6AD4-----			6AD4-----		Triode voltage amplifier.
6AD5G-----			6AD5G-----		Receiving triode.
6AD6G-----	N16-T-56146----		6AD6G-----		Electron ray tuning indicator (obsolete, use 6AF6G).
6AD7G-----	N16-T-56147----		6AD7G-----		Receiving triode pentode amplifier.
6AE5-----	N16-T-56150----		6AE5-----		See 6AE5GT/G.
6AE5G-----			6AE5G-----		See 6AE5GT/G.
6AE5GT-----			6AE5GT-----		See 6AE5GT/G.
6AE5GT/G-----	N16-T-56155----		6AE5GT/G-----		Receiving triode amplifier (obsolete).
6AEGG-----	N16-T-56156----		6AEGG-----		Receiving single grid twin plate triode (obsolete).
6AE7GT-----	N16-T-56157----		6AE7GT-----		Receiving twin grid triode amplifier (obsolete).
6AF5G-----	N16-T-56165----		6AF5G-----		Receiving triode voltage amplifier- obsolete (similar to 6P5GT).
6AF6G-----	N16-T-56166----	F	6AF6G-----		Twin electron ray tuning indicator. (See 6AD6G).
6AF7G-----			6AF7G-----		Twin electron ray tuning indicator (French).
6AG5-----	N16-T-56175----	D	6AG5-----		Miniature type pentode amplifier (simi- lar to 6AK5).
6AG6G-----			6AG6G-----		Receiving pentode power amplifier.
6AG7-----	N16-T-56177----	J	6AG7-----		Receiving pentode power amplifier.
6AG7Y-----	N16-T-56180----	J	6AG7Y-----		Ruggedized version of 6AG7.
6AGTX-----			6AGTX-----	HY6A8GTX-----	6AG7 with micanol base.
6AH5G-----			6AH5G-----		Type 6A8GT with ceramic base.
6AH6-----	N16-T-56185----	F	6AH6-----		Receiving power amplifier.
6AH7GT-----	N16-T-56187----		6AH7GT-----		Receiving miniature pentode amplifier.
6AJ5-----	N16-T-56189----		6AJ5-----	7755-----	Receiving twin triode oscillator and mixer.
6AJ6-----	N16-T-56189----		6AJ6-----		28V. plate version of 6AK5 pentode.
6AJ7/6AC7-----	N16-T-56190----		6AJ7/6AC7-----		Receiving tetrode amplifier (obsolete).
6AK5-----	N16-T-56191----	E	6AK5-----	731A, 1391HQ-----	Type 6AC7 with grounding ring (Canadian)
6AK5/403A-----			6AK5-----		Miniature type UHF pentode amplifier (similar to 6AG5).
6AK5Y-----	N16-T-56191-50-		6AK5Y-----		See 6AK5.
6AK6-----	N16-T-56192----	F	6AK6-----	A4361-----	Ruggedized version of 6AK5.
6AK7/6AG7-----	N16-T-56193----		6AK7/6AG7-----		Receiving miniature type pentode am- plifier.
6AL5-----	N16-T-56195----	F	6AL5-----	36269, D27-----	Type 6AG7 with grounding ring Receiving miniature type twin diode.

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6AL5W-----	N16-T-56195-50-		6AL5W-----		Ruggedized version of 6AL5.
6AL6-----			6AL6-----		Receiving power amplifier (obsolete).
6AL6G-----	N16-T-56196----		6AL6G-----		Receiving tetrode power amplifier.
6AL7GT-----	N16-T-56196-40-		6AL7GT-----		Electron ray indicator tube.
6AM5-----			6AM5-----		Receiving miniature power pentode (British).
6AM6-----			6AM6-----		Receiving miniature power pentode (British).
6AN5-----	N16-T-56196-50-	B	6AN5-----	CK612-----	Miniature type pentode version of 6AG7 power amplifier.
6AN6-----	N16-T-56197----		6AN6-----		Receiving duo double diode rectifier (4 anodes).
6AN7-----			6AN7-----		Receiving miniature triode hexode frequency converter.
6AQ5-----	N16-T-56191-50-	F	6AQ5-----	A4450-----	Miniature type beam power amplifier tetrode. Similar to 6V6GT/G.
6AQ5W-----	N16-T-56198-50-		6AQ5W-----		Ruggedized version of 6AQ5.
6AQ6-----	N16-T-56199----	F	6AQ6-----	A4375A, D28-----	Receiving miniature type diode triode.
6AQ7GT-----	N16-T-56199-5--		6AQ7GT-----		Receiving duplex diode, high mu triode.
6AR5-----	N16-T-56199-50-		6AR5-----		Receiving pentode power amplifier-miniature.
6AR6-----	N16-T-56200----	F	6AR6-----	7756-----	Transmitting and receiving tetrode power amplifier.
6AR7GT-----			6AR7GT-----		Double diode.
6AS5-----	N16-T-56200-70-		6AS5-----		Receiving miniature beam power pentode.
6AS6-----	N16-T-56201----	D	6AS6-----	7752-----	Miniature type pentode amplifier.
6AS6/409A-----			6AS6-----		See 6AS6.
6AS6W-----	N16-T-56201-50-		6AS6W-----		Ruggedized 6AS6.
6AS7G-----	N16-T-56202----	F	6AS7G-----	A4475-----	Receiving twin triode for electronic voltage regulator application.
6AT6-----	N16-T-56203----	F	6AT6-----		Miniature version of 6SQ7.
6AU5GT-----			6AU5GT-----		Beam power amplifier.
6AU6-----	N16-T-56203-50-	F	6AU6-----		Miniature version of 6SH7.
6AV5GT-----			6AV5GT-----		Beam power amplifier.
6AV6-----	N16-T-56203-60-	D	6AV6-----		Receiving miniature, double diode, high mu triode.
6AW7GT-----			6AW7GT-----		Receiving double diode triode.
6AX5GT-----	N16-T-56203-70-		6AX5GT-----	R6272A-----	Full wave rectifier.
6AX62-----			6AX62-----		Full wave rectifier.
6B-----			6B-----	WE6B-----	Ballast tube.
6B4G-----	N16-T-56204----	F	6B4G-----		Receiving triode power amplifier (similar to 6AS6, 6A3).
6B5-----	N16-T-56205----		6B5-----		Receiving direct coupled double triode amplifier (obsolete).
6B6G-----	N16-T-56206----	A	6B6G-----		Receiving duodiode triode (similar to 6T7G; Nearest equivalent 6Q7GT: Type 75 characteristics).
6B7-----	N16-T-56207----	F	6B7-----	10E/340, VT162 (Br.)-----	Receiving duodiode pentode.
6B7S-----			6B7S-----		Type 6B7 with spray shield (obsolete).
6B8-----	N16-T-56208----	F	6B8-----		Receiving duodiode pentode (similar to 6B7).
6B8G-----	N16-T-56209----	J	6B8G-----		Receiving duodiode pentode.
6B8GT-----			6B8GT-----		Receiving duodiode pentode.
6B21-----			6B21-----		Transmitting diode vacuum rectifier (Lewis).
6BA5-----			6BA5-----		Pentode voltage amplifier.
6BA6-----	N16-T-56211----	F	6BA6-----		Miniature version of 6SG7.
6BA7-----	N16-T-56211-10-		6BA7-----		Receiving miniature pentode converter.
6BC5-----	N16-T-56211-30-		6BC5-----		Receiving tube, miniature pentode.
6BD5GT-----			6BD5GT-----		Beam pentode.
6BD6-----	N16-T-56211-45-		6BD6-----		Receiving miniature RF pentode (equivalent to 6SK7GT).
6BD7-----			6BD7-----		Double diode.
6BE6-----	N16-T-56211-50-	D	6BE6-----		Miniature version of 6SA7.
6BE7-----			6BE7-----		Heptode converter.
6BF5-----			6BF5-----		Pentode power.
6BF6-----	N16-T-56211-60-		6BF6-----	A-4442-----	Receiving miniature duodiode, (equivalent to 6SR7).
6BF7-----			6BF7-----		Receiving double triode (subminiature).
6BG6-G-----	N16-T-56213----		6BG6-G-----		Receiving beam power amplifier.
6BG7-----			6BG7-----		Receiving double triode (subminiature).
6BH4-----					
6BH6-----	N16-T-56213-20-		6BH6-----	A4524A-----	Receiving miniature pentode.
6BJ6-----	N16-T-56213-40-		6BJ6-----		Receiving miniature pentode.
6BK6-----			6BK6-----		Double diode triode.
6BL6-----	N16-T-56213-50-		6BL6-----	SD935H-----	Reflex oscillator, velocity modulated.



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## BUREAU of SHIPS SECTION - Part II

First Edition

SECTION  
16-820  
ELECTRON  
TUBES

## CROSS INDEX OF ELECTRON TUBE TYPES

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
6BW6-----	N16-T-56213-60-		6BW6-----	SD335K-----	Velocity variation UHF oscillator-reflex klystron.
6BN6-----	N16-T-56213-65-		6BN6-----		Beam pentode.
6BQ6GT-----			6BQ6GT-----		Beam pentode.
6BT6-----			6BT6-----		Double diode triode.
6BU6-----			6BU6-----		Double diode triode.
6C-----	N16-T-56213-95-		6C-----	EL6C-----	Receiving miniature beam power amplifier 4B25 electrically same, has different base.
6C4-----	N16-T-56214----	F	6C4-----		Transmitting and receiving miniature type h-f triode.
6C47-----	N16-T-56214-50-		6C47-----		Ruggedized 6C4.
6C5-----	N16-T-56215----	F	6C5-----		Receiving triode detector amplifier (nearest equivalent is 6J5).
6C5G-----			6C5G-----	British NR78-----	See 6C5GT/G (replace with 6C5GT/G).
6C5GT-----			6C5GT/G-----		See 6C5GT/G.
6C5GT/G-----	N16-T-56217----	F	6C5GT/G-----		Receiving triode detector amplifier, (nearest equivalent is 6J5GT/G).
6C5MG-----			6C5MG-----		Obsolete, equivalent to 6C5 and 6C5GT/G.
6C6-----	N16-T-56218----	K	6C6-----	33636, 10E/337, VT161 (Br.)	Receiving triple grid pentode (nearest equivalent is 77).
6C7-----	N16-T-56219----		6C7-----		Receiving duodiode triode (obsolete).
6C8G-----	N16-T-56220----	M	6C8G-----		Receiving twin triode.
6C21-----	N16-T-56221----		6C21-----	1000 Spec., GL6C21, 2P527	Transmitting triode modulator.
6C22-----	N16-T-56222----		6C22-----	L-600N, F-600N-----	Transmitting UHF triode oscillator.
6C23-----	N16-T-56223----		6C23-----	X-126H-----	Transmitting UHF triode oscillator.
6C24-----	N16-T-56224----		6C24-----	A2255-----	Type 8014A with center tap filament.
6C86-----			6C86-----		Pentode voltage amplifier.
6C8G-----			6C8G-----		Beam power amplifier.
6CF-----	N16-T-56233----	H	6CF-----	38674A, EL6CF-----	See 4B25.
6D4-----	N16-T-56244----	D	6D4-----	VC17-----	Grid controlled gas rectifier tetrode.
6D5-----			6D5-----		Receiving power amplifier triode (discontinued).
6D6-----	N16-T-56246----	J	6D6-----	38546, 10E/338, VT160 (Br.)	Receiving pentode amplifier (nearest equivalent is 78).
6D7-----			6D7-----		Receiving triple grid pentode (Type 6C6 and 6J7 characteristics).
6D8-----			6D8-----	VR87(Br.)-----	Receiving pentagrid converter (obsolete).
6D3G-----	N16-T-56248----		6D3G-----		Receiving pentagrid converter (obsolete) (similar to 6A8Gt).
6D21-----	N16-T-56251----		6D21-----	RK6D21-----	Transmitting tetrode power amplifier.
6D22-----	N16-T-56252----		6D22-----	RK6D22-----	Transmitting beam power amplifier.
6E5-----	N16-T-56255----	M	6E5-----		Electron ray tuning indicator (similar to 6AB5, 6N5).
6E6-----	N16-T-56256----		6E6-----		Receiving twin triode amplifier (obsolete).
6E7-----	N16-T-56257----		6E7-----		Receiving pentode amplifier (Type 6U7G characteristics) (obsolete).
6E8-----	N16-T-56257-70-	F	6E8-----		Receiving triode-hexode (French).
6E2G-----	N16-T-56259----		6E2G-----		Receiving triode-hexode converter (French) (obsolete).
6F4-----	N16-T-56295----	H	6F4-----	A2227-----	Receiving acorn-type UHF triode oscillator.
6F5-----	N16-T-56300----	F	6F5-----		Receiving triode amplifier (6Q7 will replace if lead on pin #4 is put on pin #3).
6F5G-----	N16-T-56303----		6F5G-----		See 6F5GT-Replace with 6F5GT.
6F5GT-----	N16-T-56305----		6F5GT-----		Receiving triode amplifier (6Q7GT/G will replace if lead on pin #4 is out on pin #3).
6F5MG-----			6F5MG-----		Obsolete-equivalent to 6F5 and 6F5GT/G.
6F6-----	N16-T-56306----	M	6F6-----		Receiving pentode power amplifier.
6F6G-----	N16-T-56307----	J	6F6G-----	103/145, XT63, NR85, ARP17, W1535	See 6F6GT/G.
6F6GT-----			6F6GT-----		Receiving pentode power amplifier (similar to 6K6GT/G, 6V6GT/G) (obsolete, nearest equivalent 6F6).
6F6GT/G-----	N16-T-56308----		6F6GT/G-----		Obsolete, equivalent to 6F6 and 6F5GT/G.
6F6MG-----			6F6MG-----		Receiving triode pentode.
6F7-----	N16-T-56317----	J	6F7-----	38667-----	Receiving triode pentode.
6F7S-----	N16-T-56319----		6F7S-----		Receiving twin triode (similar to 6SN7GT, 7N7, 6AH7GT).
6F8G-----	N16-T-56328----	L	6F8G-----		Receiving UHF triode amplifier.
6G4-----			6G4-----	X102B-----	Electron ray tuning indicator.
6G5-----			6G5/6G5-----		

OFFICIAL USE ONLY

ELECTRONIC SUPPLY OFFICE

**CROSS INDEX OF ELECTRON TUBE TYPES**

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
6G6G-----	N16-T-56336----	D	6G6G-----	-----	Receiving pentode power amplifier.
6G7-----	N16-T-56337----	-----	6G7-----	89R3-----	Receiving pentode rectifier (Canadian).
6G9G-----	-----	-----	6G9G-----	-----	Receiving duodiode pentode (Australian).
6G12-----	N16-T-56338----	D	7H12-----	-----	See 7H12.
6H4-----	N16-T-56342----	-----	6H4-----	-----	Amperite ballast
6H4GT-----	N16-T-56344----	-----	6H4GT-----	-----	Receiving diode rectifier (obsolete).
6H5-----	-----	-----	6H5/6G5-----	-----	Electron ray tuning indicator obsolete (replace with 6U5/6G5).
6H5/6G5-----	-----	-----	6H5/6G5-----	-----	Electron ray tuning indicator obsolete- replace with 6U5/6G5.
6H6-----	N16-T-56346----	J	6H6-----	-----	Receiving duodiode rectifier.
6H6G-----	-----	-----	6H6G-----	-----	See 6H6GT/G; Replace with 6H6GT/G.
6H6GT-----	-----	I	6H6GT/G-----	-----	See 6H6GT/G.
6H6GT/G-----	N16-T-56349----	-----	6H6GT/G-----	-----	Receiving duodiode rectifier.
6H6WG-----	-----	-----	6H6WG-----	-----	Obsolete, equivalent to 6H6 and 6H6GT/G.
6H6WGT-----	N16-T-56349-30-	-----	6H6WGT-----	-----	Ruggedized version of 6H6GT.
6H7M-----	-----	-----	6H7M-----	-----	Receiving high mu-triode, power pentode (spray shield) (Canadian).
6H73-----	-----	-----	6H73-----	-----	Receiving high mu-triode, power pentode (spray shield) (Canadian).
6H8G-----	-----	-----	6H8G-----	-----	Receiving duodiode pentode.
6J4-----	N16-T-56349----	F	6J4-----	A2209-----	Receiving miniature type triode.
6J5-----	N16-T-56350----	L	6J5-----	A30970-----	Receiving triode amplifier (similar to 6C5).
6J5G-----	N16-T-56351----	L	6J5G-----	British NR78A & VR67-	See 6J5GT/G-Replace with 6J5GT/G.
6J5GT-----	-----	L	6J5GT/G-----	-----	See 6J5GT/G.
6J5GT/G-----	N16-T-56352----	-----	6J5GT/G-----	VR67 (Br.), 10E/11443	Receiving triode amplifier (similar to 6C5GT/G).
6J5GTX-----	-----	-----	6J5GTX-----	HY6J5GTX-----	Type 6J5GT with ceramic base.
6J5GX-----	-----	-----	6J5GX-----	-----	Type 6J5G with ceramic base.
6J5WG-----	-----	-----	6J5WG-----	-----	Obsolete, equivalent to 6J5 and 6J5GT/G.
6J5WGT-----	N16-T-56355----	-----	6J5WGT-----	-----	Ruggedized version of 6J5GT.
6J6-----	N16-T-56360----	E	6J6-----	A1434-----	Miniature type UHF twin triode.
6J6W-----	N16-T-56365----	-----	6J6W-----	-----	Ruggedized 6J6.
6J7-----	N16-T-56370----	L	6J7-----	VR56 (Br.)-----	Receiving triple grid pentode.
6J7G-----	N16-T-56371----	L	6J7G-----	-----	Receiving triple grid pentode (similar to British NR83).
6J7GT-----	N16-T-56372----	L	6J7GT-----	-----	Receiving triple grid pentode (similar to 6W7G, 6S7G, 6U7G).
6J7GTX-----	-----	-----	6J7GTX-----	HY6J7GTX-----	Type 6J7GT with ceramic base.
6J7WG-----	-----	-----	6J7WG-----	-----	Obsolete-equivalent to 6J7, 6J7G and 6J7GT.
6J9G-----	N16-T-56380----	-----	6J9G-----	-----	Receiving triode heptode converter (similar to 6A8GT, 6D9G; 7J7)
6J21-----	N16-T-56390----	-----	6J21-----	ZP612-----	UHF transmitting oscillator CW- Magnetron.
6K4-----	N16-T-56396----	-----	6K4-----	SD334-----	Subminiature type triode amplifier.
6K5-----	N16-T-56398----	-----	6K5-----	-----	Receiving triode amplifier (nearest equivalent 6Q7; similar to 6F5).
6K5G-----	N16-T-56401----	-----	6K5G-----	-----	See 6K5GT; replace with 6K5GT.
6K5GT-----	N16-T-56402----	-----	6K5GT-----	-----	Receiving triode amplifier (nearest equivalent 6Q7GT; similar to 6F5GT)
6K6G-----	-----	-----	6K6G-----	-----	See 6K6GT/G; replace with 6K6GT/G.
6K6GT-----	-----	J	6K6GT/G-----	-----	See 6K6GT/G.
6K6GT/G-----	N16-T-56410----	-----	6K6GT/G-----	-----	Receiving pentode power amplifier (similar to 4L; nearest equivalent 6F6GT/G).
6K7-----	N16-T-56420----	K	6K7-----	VR53 (Br.)-----	Receiving pentode amplifier.
6K7G-----	N16-T-56421----	-----	6K7G-----	British NR91-----	Receiving pentode amplifier.
6K7GT-----	N16-T-56422----	-----	6K7GT-----	-----	Receiving pentode amplifier (similar to 6S7G, 6U7G, 6W7G).
6K7GTX-----	-----	-----	6K7GTX-----	HY6K7GTX-----	Type 6K7GT with ceramic base.
6K7WG-----	-----	-----	6K7WG-----	-----	Obsolete-equivalent to 6K7, 6K7G, and 6K7GT.
6K8-----	N16-T-56430----	H	6K8-----	-----	Receiving triode hexode converter.
6K8G-----	N16-T-56431----	-----	6K8G-----	-----	Receiving triode hexode converter.
6K8GT-----	N16-T-56432----	-----	6K8GT-----	-----	Receiving triode hexode converter (equipped with special shield).
6K8GTX-----	-----	-----	6K8GTX-----	HY6K8GTX-----	Type 6K8GT with ceramic base.
6L4-----	N16-T-56440----	H	6L4-----	A2297-----	Acorn type triode, selected 6F4.
6L5G-----	N16-T-56450----	J	6L5G-----	-----	Receiving triode detector amplifier (150 ma heater version of 6J5G).
6L6-----	N16-T-56456----	I	6L6-----	-----	Transmitting and receiving tetrode power amplifier. (See 1614).
6L6A-----	-----	-----	6L6W-----	-----	Obsolete-superseded by 6L6W.
6L6G-----	N16-T-56457----	J	6L6G-----	-----	Obsolete nearest equivalent 6L6GA- Similar to British NR77.

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First Edition

SECTION  
16-820  
ELECTRON  
TUBES

## CROSS INDEX OF ELECTRON TUBE TYPES

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
6L6GA-----	N16-T-56459----	H	6L6GA-----	-----	Type 6L6G in ST-14 envelope.
6L6GAY-----	N16-T-56459-50----		6L6GAY-----	-----	6L6GA with Micanol base.
6L6G9-----	N16-T-56459----		6L6WGA-----	-----	Obsolete, superseded by 6L6WGA.
6L6GTX-----	-----		6L6GX-----	HY6L6GX-----	See 6L6GX; the 'GTX' never existed.
6L6GX-----	N16-T-56460----		6L6GX-----	HY6L6GX-----	Type 6L6G with ceramic base (similar to T21).
6L6W-----	N16-T-56462----	H	6L6W-----	-----	Ruggedized version of 6L6.
6L6W3A-----	N16-T-56464----	H	6L6W3A-----	-----	Ruggedized version of 6L6GA.
6L6Y-----	N16-T-56465----	-----	6L6Y-----	-----	6L6 with Micanol base.
6L7-----	N16-T-56470----	J	6L7-----	-----	Receiving pentagrid mixer amplifier.
6L7G-----	N16-T-56471----	H	6L7G-----	-----	Receiving pentagrid mixer amplifier-Obsolete. Nearest equivalent 6L7, tuned circuits may require realignment.
6N5-----	-----	-----	6N5-----	-----	Miniature pentode power amplifier.
6N6G-----	-----	-----	6N6G-----	-----	Receiving pentode power amplifier.
6N7G-----	-----	-----	6N7G-----	-----	Receiving triple grid amplifier.
6N8GT-----	-----	-----	6N8GT-----	-----	Receiving diode triode pentode.
6N4-----	N16-T-56430----	-----	6N4-----	CK611-----	Miniature type triode amplifier-Oscillator.
6N5-----	-----	-----	6AB5/6N5-----	-----	See 6AB5/6N5.
6N5G-----	-----	-----	6N5G-----	-----	See 6AB5/6N5.
6N6G-----	N16-T-56438----	-----	6N6G-----	-----	Receiving direct coupled double triode.
6N6WG-----	-----	-----	6N6WG-----	-----	Obsolete (similar to 6B5, 6AB5G).
6N7-----	N16-T-56430----	H	6N7-----	-----	Obsolete, equivalent to 6N6G.
6N7G-----	N16-T-56471----	H	6N7G-----	-----	Receiving twin triode power amplifier.
6N7GT-----	-----	-----	6N7GT-----	-----	See 6N7GT/G; Replace with 6N7GT/G (similar to British NR73).
6N7GT/G-----	N16-T-56472----	H	6N7GT/G-----	-----	See 6N7GT/G.
6N8-----	-----	-----	6N8-----	-----	Receiving twin triode power amplifier.
6N820-----	N16-T-56472-30----	-----	6N820-----	-----	Double diode.
6N845-----	N16-T-56473----	-----	6N845-----	-----	Thermostatic delay relay.
6P5G-----	N16-T-56506----	-----	6P5G-----	-----	Thermostatic relay tube (not an electron tube).
6P5GT-----	-----	-----	6P5GT-----	-----	See 6P5GT/G; replace with 6P5GT/G.
6P5GT/G-----	N16-T-56507----	-----	6P5GT/G-----	-----	See 6P5GT/G.
6P7G-----	N16-T-56517----	-----	6P7G-----	-----	Receiving triode amplifier detector (similar to 6AG5G, 76).
6P8G-----	-----	-----	6P8G-----	-----	Receiving triode pentode (Type 6F7 characteristics).
6P90-----	N16-T-56525----	-----	6P90-----	-----	Receiving triode hexode converter (British).
6PEB-----	-----	-----	6PEB-----	-----	Ballast tube.
6Q4-----	N16-T-56540----	-----	6Q4-----	A2298, A2304-----	Phototube multiplier.
6Q5G-----	N16-T-56550----	-----	6Q5G-----	-----	Receiving acorn triode, selected 6F4.
6Q6-----	N16-T-56560----	F	6Q6-----	-----	Replace with 834.
6Q6G-----	N16-T-56565----	F	6Q6G-----	-----	See 6Q6G.
6Q7-----	N16-T-56570----	H	6Q7-----	-----	Diode triode (150 ma heater version of 6Q7G) Obsolete, nearest equivalent is 6T7G.
6Q7G-----	N16-T-56571----	J	6Q7G-----	British NR69 & DH63-----	Receiving duodiode triode.
6Q7GT-----	N16-T-56572----	-----	6Q7GT-----	-----	See 6Q7GT; replace with 6Q7GT.
6Q7MG-----	-----	-----	6Q7MG-----	-----	Receiving duodiode triode (equipped with special shield, similar to 6T7G/6Q8G).
6R4-----	-----	-----	6R4-----	-----	Obsolete, equivalent to 6Q7 and 6Q7GT/G.
6R6G-----	N16-T-56581----	-----	6R6G-----	-----	Triode power amplifier oscillator.
6R7-----	N16-T-56587----	J	6R7-----	VR55 (Br.)-----	Receiving pentode voltage amplifier.
6R7G-----	N16-T-56589----	J	6R7G-----	-----	Receiving duodiode triode.
6R7GT-----	-----	-----	6R7GT-----	-----	See 6R7GT/G; replace with 6R7GT/G.
6R7GT/G-----	N16-T-56589----	-----	6R7GT/G-----	-----	See 6R7GT/G.
6R7MG-----	-----	-----	6R7MG-----	-----	Receiving duodiode triode.
6R8-----	-----	-----	6R8-----	-----	Obsolete, equivalent to 6R7 and 6R7GT/G.
6S4-----	-----	-----	6S4-----	-----	Triode diode, triode power amplifier.
6S5-----	N16-T-56595----	-----	6S5-----	-----	Triode voltage amplifier.
6S6GT-----	-----	-----	6S6GT-----	-----	Electron ray tuning indicator (Canadian)
6S7-----	N16-T-56600----	-----	6S7-----	-----	Receiving pentode amplifier.
6S7G-----	N16-T-56601----	F	6S7G-----	-----	Receiving pentode amplifier (150 ma heater version of 6K7).
6S8GT-----	-----	-----	6S8GT-----	-----	Receiving pentode amplifier (150 ma heater version of 6K7G)-Obsolete, nearest equivalent 6S7.
6SA7-----	N16-T-56611----	L	6SA7-----	-----	Receiving triple diode, triode.
6SA7G-----	-----	-----	6SA7G-----	-----	Receiving pentagrid converter.
6SA7GT-----	-----	-----	6SA7GT-----	-----	See 6SA7GT/G; replace with 6SA7GT/G.
6SA7GT/G-----	N16-T-56612----	F	6SA7GT/G-----	-----	See 6SA7GT/G.
6SA7GTX-----	-----	-----	6SA7GTX-----	-----	Receiving pentagrid converter.
6SA7GT-----	N16-T-56612-50----	-----	6SA7GT-----	HY6SA7GT-----	Type 6SA7GT with ceramic base.
6SA7GT-----	-----	-----	6SA7GT-----	-----	6SA7GT with Micanol base.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
6SA7GT-----	N16-T-56613----		6SA7GT-----		Ruggedized version of 6SA7GT.
6SA7Y-----	N16-T-56613-50-		6SA7Y-----		6SA7 with Micanol base.
6SB7-----	N16-T-56617----		6SB7-----	A5581A-----	Receiving pentagrid converter (similar to 6SA7).
6SB7Y-----	N16-T-56620----		6SB7Y-----		Type 6SB7 with Micanol base.
6SC7-----	N16-T-56621----	H	6SC7-----		Receiving twin triode amplifier.
6SC7GT-----	N16-T-56623----		6SC7GT-----		Receiving twin triode amplifier (similar to 6SL7GT).
6SC7GTY-----	N16-T-56625----		6SC7GTY-----		Type 6SC7GT with phenolic base.
6SD7GT-----	N16-T-56633----	H	6SD7GT-----		Receiving pentode amplifier (similar to 6SE7GT, 6SG7, 6SH7GT).
6SE7GT-----			6SE7GT-----		Receiving triple grid amplifier (similar to 6SD7GT, 6SG7, 6SH7GT).
6SF5-----	N16-T-56640----	H	6SF5-----		Receiving triode amplifier (6SQ7 will replace if socket is rewired).
6SF5GT-----	N16-T-56642----	J	6SF5GT-----		Receiving triode amplifier.
6SF7-----	N16-T-56650----		6SF7-----		Receiving diode pentode.
6SF7GT-----			6SF7GT-----		Receiving voltage amplifier.
6SG7-----	N16-T-56655----	L	6SG7-----		Receiving pentode amplifier.
6SG7GT-----	N16-T-56655-50-		6SG7GT-----		Receiving pentode amplifier.
6SG7Y-----	N16-T-56656----		6SG7Y-----		6SG7 with Micanol base.
6SH7-----	N16-T-56660----	G	6SH7-----		Receiving pentode amplifier.
6SH7GT-----	N16-T-56662----		6SH7GT-----		Receiving pentode amplifier (similar to 6SG7, 6SD7GT, 6SE7GT).
6SH7L-----	N16-T-56663----		6SH7L-----		See 6SH7 (special Sylvania ruggedized).
6SJ7-----	N16-T-56665----	L	6SJ7-----		Receiving pentode amplifier.
6SJ7GT-----	N16-T-56667----	H	6SJ7GT-----		Receiving pentode amplifier.
6SJ7GTX-----			6SJ7GTX-----	HY6SJ7GTX-----	Type 6SJ7GT with ceramic base.
6SJ7GTY-----	N16-T-56667-30-		6SJ7GTY-----		6SJ7GT with Micanol base.
6SJ7 Special-----			6SJ7Y-----		See 6SJ7Y.
6SJ7W-----			6SJ7W-----		Ruggedized version of 6SJ7.
6SJ7WGT-----	N16-T-56667-50-		6SJ7WGT-----		Ruggedized version of 6SJ7GT.
6SJ7Y-----	N16-T-56668----	H	6SJ7Y-----	6SJ7 Special-----	Type 6SJ7 with Micanol base.
6SK7-----	N16-T-56670----	N	6SK7-----		Receiving pentode amplifier.
6SK7G-----			6SK7G-----		See 6SK7GT/G (replace with 6SK7GT/G).
6SK7GT-----		J	6SK7GT-----		Receiving pentode amplifier.
6SK7GT/G-----	N16-T-56672----		6SK7GT/G-----		Type 6SK7GT with ceramic base.
6SK7GTX-----			6SK7GTX-----	HY6SK7GTX-----	6SK7GT/G with Micanol base.
6SK7GTY-----	N16-T-56673----		6SK7GTY-----		Ruggedized version of 6SK7.
6SK7W-----	N16-T-56674----		6SK7W-----		6SK7 with Micanol base.
6SK7Y-----	N16-T-56674-50-		6SK7Y-----		Obsolete (superseded by 6SL7W).
6SL7A-----			6SL7A-----		Receiving twin triode amplifier (similar to 6SC7GT).
6SL7GT-----	N16-T-56677----	I	6SL7GT-----		Obsolete (superseded by 6SL7W).
6SL7L-----			6SL7L-----		Ruggedized version of 6SL7GT.
6SL7W-----	N16-T-56677-30-	H	6SL7W-----		Ruggedized version of 6SL7GT.
6SL7WGT-----			6SL7WGT-----		Obsolete (superseded by 6SN7W).
6SN7A-----	N16-T-56690----	H	6SN7A-----		Receiving twin triode amplifier.
6SN7GT-----	N16-T-56692----	I	6SN7GT-----		Receiving double triode.
6SN7GTA-----			6SN7GTA-----		Obsolete (superseded by 6SN7W).
6SN7L-----			6SN7L-----		Ruggedized version of 6SN7GT.
6SN7W-----	N16-T-56694----	I	6SN7W-----	A4273B-----	Ruggedized 6SN7GT.
6SN7WGT-----	N16-T-56694-25-		6SN7WGT-----		Receiving duodiode triode.
6SQ7-----	N16-T-56695----	I	6SQ7-----		See 6SQ7GT/G; replace with 6SQ7GT/G.
6SQ7G-----			6SQ7G-----		See 6SQ7GT/G.
6SQ7GT-----		F	6SQ7GT-----		Receiving duodiode triode.
6SQ7GT/G-----	N16-T-56697----		6SQ7GT/G-----		Ruggedized version of 6SQ7.
6SQ7W-----			6SQ7W-----		Receiving duodiode triode.
6SR7-----	N16-T-56690----	F	6SR7-----		Receiving duodiode triode (similar to 6ST7).
6SR7GT-----	N16-T-56692----		6SR7GT-----		Receiving pentode amplifier (150 ma heater version of 6SK7).
6SS7-----	N16-T-56695----	J	6SS7-----		Receiving pentode amplifier.
6SS7GT-----			6SS7GT-----		Receiving duodiode triode (150 ma heater version of 6SR7).
6ST7-----	N16-T-56698----		6ST7-----		Receiving triode with ceramic base (selected 6SL7GT).
6SU7GTX-----			6SU7GTX-----		Receiving triode with micanol base (selected 6SL7GT).
6SU7GTY-----	N16-T-56699----		6SU7GTY-----		Receiving metal diode pentode.
6SV7-----			6SV7-----		Receiving duodiode high mu triode.
6SZ7-----	N16-T-56707----		6SZ7-----		Electron ray tuning indicator (replace with 6U5/6G5).
6T5-----			6T5-----		Receiving triple grid amplifier.
6T6CW-----			6T6CW-----		Receiving duodiode triode (obsolete, nearest equivalents are 6B6G and 6D7GT).
6T7G-----	N16-T-56717----		6T7G-----	6T7G/6Q6G-----	

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## BUREAU of SHIPS SECTION - Part II

First Edition

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
6T7G/6Q6G-----			6T7G-----		See 6T7G.
6T8-----	N16-T-56719----		6T8-----		Receiving 9 pin miniature triode triode.
6U4GT-----			6U4GT-----		Half wave rectifier.
6U5-----			6U5-----		Electron ray tuning indicator.
6U5/6G5-----	N16-T-56725----	K	6U5-----	625, 6U5-----	Electron ray tuning indicator.
6U6GT-----	N16-T-56726----		6U6GT-----		Receiving tetrode power amplifier (similar to 6W6GT, 6Y6G).
6U7G-----	N16-T-56727----		6U7G-----		Receiving pentode amplifier (similar to 6D6, 6K7GT, 6S7G, 6W7G, 6J7GT).
6V4-----			6V4-----		Miniature hi vacuum full wave rectifier.
6V5GT-----			6V5GT-----		Receiving beam pentode.
6V6-----	N16-T-56756----	L	6V6-----		Transmitting and receiving tetrode amplifier.
6V6G-----	N16-T-56757----		6V6G-----		See 6V6GT/G; replace with 6V6GT/G.
6V6GT-----		J	6V6GT/G-----		See 6V6GT/G.
6V6GT/G-----	N16-T-56758----		6V6GT/G-----		Receiving UHF tetrode amplifier (similar to 6K6GT, 6F6GT).
6V6GTX-----	N16-T-56759----		6V6GTX-----	HY6V6GTX-----	Type 6V6GT with ceramic base.
6V6GTY-----	N16-T-56759-50-		6V6GTY-----		6V6GT/G with Micanol base.
6V6GX-----			6V6GX-----		Type 6V6G with ceramic base.
6V6Y-----	N16-T-56760----		6V6Y-----		6V6 with Micanol base.
6V7G-----	N16-T-56767----		6V7G-----		Receiving diode triode (similar to 85 and 6R7GT).
6W4GT-----	N16-T-56780----		6W4GT-----		Half wave vacuum rectifier.
6W5G-----	N16-T-56906----		6W5G-----		Receiving diode rectifier (obsolete, replace with 6X5GT/G).
6W6-----			6W6-----		Receiving pentode amplifier (similar to 6U6GT, 6Y6G).
6W6GT-----	N16-T-56907----		6W6GT-----		Receiving pentode amplifier (obsolete) (nearest equivalent 6U6GT, 6Y6G): similar to 7A5, 12A6GT, 14A5.
6W7G-----	N16-T-56917----		6W7G-----		Receiving triple grid pentode amplifier (obsolete)-6J7GT nearest equivalent for parallel operation of filaments.
6X4-----	N16-T-56940----	F	6X4-----	R6277-----	Miniature type diode vacuum rectifier
6X4W-----	N16-T-56940-50-		6X4W-----		Ruggedized version of 6X4.
6X5-----	N16-T-56950----	L	6X5-----		Replace with 6X5GT/G.
6X5GT-----	N16-T-56953----		6X5GT-----		See 6X5GT/G; replace with 6X5GT/G.
6X5GT/G-----	N16-T-56955----	J	6X5GT/G-----		See 6X5GT/G.
6X5L-----			6X5L-----		Receiving diode rectifier (similar to 6W5G, 024, 6Z5G).
6X5WG-----			6X5WG-----		See 6X5WGT.
6X5S-----			6X5S-----		Obsolete (equivalent to 6X5 and 6X5GT/G)
6X5W-----			6X5W-----		See 6Y5.
6X5WGT-----	N16-T-56960----		6X5WGT-----		See 6X5WGT.
6I6G-----			6X5WGT-----		Ruggedized version of 6X5GT/G.
6Y3G-----	N16-T-56995----		6X6G-----		Electron ray tuning indicator (Canadian)
6Y5-----	N16-T-56900----		6Y3G-----		Receiving diode rectifier (Canadian).
6Y5G-----			6Y5-----		Receiving diode rectifier (Type 84/624 characteristics).
6Y5GT-----	N16-T-56907----		6Y5GT-----		Receiving diode rectifier (obsolete, 6Y5 nearest equivalent).
6Y5V-----			6Y5V-----		Receiving diode rectifier (obsolete, 6Y5 nearest equivalent).
6Y6G-----	N16-T-56716----	J	6Y6G-----		Receiving diode rectifier.
6Y6GT-----			6Y6GT-----		Receiving tetrode amplifier (similar to 6U6GT, 6W6GT).
6Y7G-----	N16-T-56927----		6Y7G-----		Never made.
6Z3-----			1V-----		Receiving twin triode amplifier-obsolete (Type 79 characteristics).
6Z4-----			84/624-----	04, 98-----	See 1V.
6Z5-----	N16-T-56935----		6Z5-----	1225-----	See 84/624.
6Z6WG-----			6Z6WG-----		Receiving diode rectifier-Obsolete (Type 84/624 characteristics).
6Z7G-----	N16-T-56967----		6Z7G-----		Receiving diode rectifier.
6ZYS-----	N16-T-56970----	H	6ZYS-----		Receiving twin triode amplifier.
9-7-----	N16-T-56730----		B-7-----		Receiving diode rectifier (low filament current type 6X5G; similar to 6X5GT/G, 6W5G, 024).
C-7-----	N16-T-56982----		BC-7-----		Geiger-Mueller counter tube.
BS7-----	N16-T-56985----		BS7-----		Geiger-Mueller counter tube.
CE7-----			CE7A/B,C,D-----	75A, G7, NU7-----	Beta-Gamma counter tube.
G7-----	N16-T-56990----		7D21-----		Phototube.
GL7D21-----			4J31-35-----		Gas phototube.
HK7-----					See 7D21.
					Magnetron series, see 4J31-35.

OFFICIAL USE ONLY

ELECTRONIC SUPPLY OFFICE, Great Lakes, Illinois

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HK7-T-----	N16-T-56998----		5586-----		Magnetron, tunable 4J31-35.
K7-----			2J30-34-----	7L441-----	Transmitting UHF oscillator, see 2J30-34
K7RF4-----			2J32-----	7L441-----	See 2J32.
K7T1-----			2J66-----		Magnetron; tunable version of K7 series.
K7T2-----			2J67-----		Magnetron; tunable version of K7 series.
K7T3-----			2J68-----		Magnetron; tunable version of K7 series.
K7T4-----			2J69-----		Magnetron; tunable version of K7 series.
NB7-----			NB7-----		Resistance tube (Raytheon)-Obsolete.
NE7-----	N16-T-57000----		NE7-----		Neon lamp.
NU7-----			CE7-----		Gas phototube.
PJ7-----			PJ7-----		Special vacuum-control tube.
PM-7-----	N16-T-57002----		PM-7-----		Power measurement lamp.
REL7-----			CV92-----	NT99, 4C27, 9026, 51232-	See CV92/4C27.
SRL7A-----			SRL7A-----		Velocity variation UHF oscillator-reflex Klystron.
V7-----					Vacuum phototube.
WE7A-----			7A-----		See 7A.
7-----			7-----		Ballast tube.
7A-----			7A-----	WE7A-----	Ballast tube.
7A4-----	N16-T-57104----	J	7A4-----		Receiving lock in type triode amplifier.
7A5-----	N16-T-57105----		7A5-----		Receiving lock in type pentode power amplifier.
7A6-----	N16-T-57106----	P	7A6-----		Receiving lock in type diode rectifier (similar to 7Y4, 7Z4).
7A7-----	N16-T-57107----		7A7-----		Receiving lock in type pentode amplifier (similar to 7B7, 7C7).
7A7LM-----			7A7LM-----		Receiving RF amplifier (obsolete, replace with 7A7).
7A8-----	N16-T-57109----	P	7A8-----		Receiving lock-in type octode converter (similar to 7B3, 7S7, 7J7, 6D3G).
7A10-----	N16-T-57109----		7A10-----		Ballast tube.
7AB7/1204-----	N16-T-57110----		7AB7/1204-----	1204, SC651-	Receiving lock-in type UHF pentode.
7AD7-----	N16-T-57130----		7AD7-----		Receiving lock-in pentode amplifier.
7AF7-----			7AF7-----		Receiving lock-in type twin triode amplifier.
7AG7-----	N16-T-57140----		7AG7-----		Receiving lock in type pentode amplifier.
7AH7-----	N16-T-57150----		7AH7-----		Receiving lock-in pentode amplifier.
7AJ7-----	N16-T-57170----		7AJ7-----		Receiving short cut-off pentode.
7AK7-----			7AK7-----		Receiving pentode-lock-in.
7AP4-----			7AP4-----		Cathode ray (electrostatic focus, magnetic deflection)-Obsolete.
7B-----			4E27-----		See 4E27.
7B4-----	N16-T-57204----		7B4-----		Receiving lock-in type triode amplifier.
7B5-----	N16-T-57205----		7B5-----		Receiving lock-in type pentode power amplifier (similar to 7C5).
7B5LT-----			7B5LT-----		Obsolete, replace with 7B5.
7B6-----	N16-T-57206----		7B6-----		Receiving lock-in type diode triode (similar to 7C6).
7B7-----	N16-T-57207----		7B7-----		Obsolete, replace with 7B6.
7B8-----	N16-T-57209----		7B8-----		Receiving lock in type pentode amplifier (similar to 7A7, 7C7).
7B8LM-----	N16-T-57210----		7B8LM-----		Receiving lock in type pentagrid converter (similar to 6A3, 7A3, 7S7, 7J7).
7B33-----			953E-----		Receiving pentagrid converter -Obsolete.
7BP1-----	N16-T-57213-50-		7BP1-----		See 953E.
7BP1Y-----	N16-T-57213-60-		7BP1Y-----		Cathode ray tube.
7BP4A-----	N16-T-57214----		7BP4A-----		7BP1 with Micanol base.
7BP7-----	N16-T-57217----		7BP7-----	1913P7, 2P469, C7475A	Cathode ray tube.
7BP7A-----	N16-T-57219----	H	7BP7A-----		Cathode ray (magnetic focus and deflection).
7BP12-----			7BP12-----		Cathode ray (magnetic focus and deflection).
7C4-----	N16-T-57304----		7C4/1203A-----	1203A-----	Cathode ray tube.
7C4/1202A-----	N16-T-57304-10-		7C4-----	1203A-----	See 7C4/1203A.
7C5-----	N16-T-57305----	J	7C5-----		Receiving UHF diode detector.
7C5LT-----			7C5LT-----		Receiving lock in type tetrode power amplifier (similar to 6V6, 7B5). (See 2C48, 2C50).
7C6-----	N16-T-57306----	H	7C6-----		Obsolete, replace with 7C5.
7C7-----	N16-T-57307----	L	7C7-----		Receiving lock in type diode triode (similar to 7B6).
7C23-----	N16-T-57313----	I	7C23-----	Modified F5303-----	Receiving lock in type triple grid pentode amplifier (similar to 7A7, 7B7).
7C22-----	N16-T-57311----		7C22-----	D164714-----	Transmitting triode oscillator.
7C24-----	N16-T-57314----		7C24-----	WX3074-----	Transmitting twin triode UHF oscillator.
7C25-----	N16-T-57315----		7C25-----	F5303-----	Transmitting UHF power triode.
					Transmitting, forced air cooled triode.

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7C26-----	N16-T-57316-5----		7C26-----		Transmitting, forced air cooled triode.
7C27-----	N16-T-57316-10----		7C27-----		Transmitting, forced air cooled triode.
7C29-----	N16-T-57316-20----		7C29-----		Transmitting, forced air cooled triode.
7C30-----	N16-T-57316-25----		7C30-----		Transmitting, forced air cooled triode.
7CP1-----	N16-T-57317----		7CP1-----	1311P1, C7466A-----	Cathode ray (electrostatic focus, magnetic deflection).
7CP4-----	N16-T-57327----		7CP4-----		Kinescope-(electrostatic focus, magnetic deflection).
7D21-----	N16-T-57329----		7D21-----	GL7D21-----	Transmitting, forced air cooled triode.
7DP1-----	N16-T-57329----		7DP1-----		Cathode ray tube.
7DP4-----	N16-T-57330----		7DP4-----		Cathode ray (electrostatic focus and magnetic deflection).
7E5-----	N16-T-57405----		7E5-----		Receiving UHF triode amplifier (type 6C6 characteristics).
7E5/1201-----	N16-T-57405-10----		7E5-----	1201-----	Receiving UHF triode amplifier (Type 6C6 characteristics).
7E6-----	N16-T-57406----	F	7E6-----		Receiving lock-in type duodiode triode.
7E7-----	N16-T-57407----		7E7-----		Receiving lock-in type duodiode pentode.
7EP4-----	N16-T-57410----		7EP4-----		Cathode ray (electrostatic focus and deflection).
7F7-----	N16-T-57417----	H	7F7-----		Receiving lock-in type twin triode amplifier.
7F7#-----	N16-T-57417-50----		7F7-----		Receiving lock-in type twin triode amplifier.
7F3-----	N16-T-57419----		7F3-----		Receiving lock-in type twin triode.
7F3#-----	N16-T-57421----	D	7F3#-----		Ruggedized version of 7F3.
7FP7A-----			7FP7A-----		Zero Ibl version of 7FP7.
7G7-----	N16-T-57427----		7G7-----	1232, 7G7/1232-----	Receiving lock-in type triple grid pentode.
7G7/1232-----	N16-T-57429----		7G7-----	1232-----	Receiving lock-in type triple grid pentode (similar to 7H7, 7L7, 7I7).
7G8-----			7G8-----	1206, 7G8, 1206-----	Receiving lock-in type UHF twin tetrode.
7G8/1206-----	N16-T-57431----		7G8-----	SD7G6, 1206-----	See 7G8.
7GP1-----	N16-T-57431-70----		7GP1-----		Cathode ray tube.
7GP4-----	N16-T-57432----		7GP4-----		Cathode ray (electrostatic focus and deflection).
7H4-----	N16-T-57434----		7H4-----		Ballast tube.
7H7-----	N16-T-57437----	F	7H7-----		Receiving lock-in type pentode amplifier (similar to 7G7, 7L7, 7I7).
7H12-----	N16-T-57442----		7H12-----	6G12-----	Ballast tube.
7HP1-----	N16-T-57450----		7HP1-----		Cathode ray.
7HP4-----			7HP4-----	7KA1P4-----	Cathode ray (magnetic focus and deflection).
7J7-----	N16-T-57507----		7J7-----		Receiving lock-in type triode heptode converter (similar to 7A3, 7B3, 7S7).
7JP4-----	N16-T-57510----		7JP4-----		Cathode ray tube-(electrostatic focus and deflection).
7K7-----	N16-T-57517----		7K7-----		Receiving lock-in type duodiode triode.
7K1P4-----			7HP4-----		See 7HP4.
7L7-----	N16-T-57527----		7L7-----		Receiving lock-in type pentode amplifier (similar to 7G7, 7H7, 7I7).
7MP7-----			7MP7-----		Cathode ray tube.
7N7-----	N16-T-57547----	F	7N7-----		Receiving lock-in type twin triode amplifier.
7Q7-----	N16-T-57557----		7Q7-----		Receiving lock-in type pentagrid converter.
7R7-----	N16-T-57553----		7R7-----		Receiving lock-in type duodiode pentode.
7S7-----	N16-T-57559----	F	7S7-----		Receiving lock-in type triode heptode converter (similar to 7J7, 7A3, 7B3).
7T7-----	N16-T-57560----		7T7-----		Receiving lock-in type triode triode amplifier (similar to 7L7, 7G7, 7H7).
7T7GL-----			7T7-----		See 7T7.
7V7-----	N16-T-57567----	F	7V7-----		Receiving lock-in type pentode amplifier.
7W7-----	N16-T-57577----	F	7W7-----	1232-----	Receiving lock-in type pentode amplifier.
7X6-----			7X6-----		Full wave rectifier.
7X7-----	N16-T-57590----		7X7/XXFM-----	XXFM-----	Receiving lock-in type twin diode Hi Mu triode.
7X7/XXFM-----	N16-T-57591----		7X7/XXFM-----	XXFM 7X7-----	Receiving lock-in type twin diode Hi Mu triode.
7Y4-----	N16-T-57594----	F	7Y4-----		Receiving lock-in type duodiode rectifier (similar to 7Z4, 84/624).
7Z4-----	N16-T-57594----	F	7Z4-----		Receiving lock-in type duodiode rectifier (similar to 7Y4).
7Z4PAP11-----	N16-T-57596----		7Z4PAP11-----		Multiple gun cathode ray.
7Z5P2-----			7Z5P2-----		Cathode ray tube-5 gun (electrostatic focus and deflection).
7Z5P7A-----	N16-T-57604----		7Z5P7A-----		Multiple gun cathode ray.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
CE8-----			CE8A/B,C,D-----		Phototube.
CE8A/B-----			CE8A/B-----		Phototube.
CE8C-----			CE8C-----		Phototube.
CE8D-----			CE8D-----		Phototube.
G3-----					Phototube.
L8-----	N16-T-57976----		L8-----		Gas phototube.
Navy VG-8-----			991-----		Planar tetrode.
NB9-----			NB9-----		See 991.
PJ9-----	N16-T-57990----		5556-----		Resistance tube (Raytheon)-Obsolete.
PW8-----	N16-T-57989----		PW8-----		See 5556.
REL9A-----			REL9A-----	RT66-----	Power measurement lamp.
REL9B-----			REL9B-----		Receiving UHF oscillator (Canadian).
REL9C-----			REL9C-----		Receiving UHF oscillator (Canadian).
REL9D-----			REL9D-----		Receiving UHF oscillator (Canadian).
SRC8-----			SRC8-----		Receiving UHF oscillator (Canadian).
V3-----					Velocity variation UHF oscillator.
WE8A-----					Vacuum phototube.
8-20-----	N16-T-59001----		8A-----		See 8A.
8A-----			8-20-----		Ballast.
8AP4-----			8A-----	WE8A-----	Ballast tube.
			8AP4-----		Cathode ray, magnetic focus and deflection.
8B-----					
8BP4-----			8BP4-----		
9C22-----			8C22-----	X111B-----	Television picture tube.
8C23-----			8C23-----	X111AD-----	Transmitting UHF triode oscillator.
8C25-----	N16-T-59002----		8C25-----		Transmitting UHF triode oscillator.
8D21-----	N16-T-59003----		8D21-----		Transmitting, air cooled triode.
					Transmitting, twin tetrode, water and forced air cooled.
8DC15-----	N16-T-59004----		8DC15-----		Diode rectifier.
8H/8H/3-----	N16-T-59008----		8H/8H/3-----	AMP-VR-----	Ballast tube.
G9-----			869-----	PJ23-----	Gas phototube.
NE9-----	N16-T-59009-3--		NE9-----		Neon lamp.
V9-----				PJ22-----	See PJ22.
WE9A-----					See 9A.
YTU9-----			9A-----		See 185R4.
9-----			185R4-----		See 9A.
9-3-----	N16-T-59009-5--		9A-----		Ballast.
9-4-----	N16-T-59009-7--		9-3-----		Ballast.
9-11-----	N16-T-59009-12-		9-4-----		Ballast.
9A-----	N16-T-59009-19-		9-11-----		Ballast.
9AP1-----			9A-----	WE9A-----	Current regulator-Ballast.
			9AP1-----	1904PI-----	Cathode ray (electrostatic focus, magnetic deflection).
9AP4-----					Cathode ray (electrostatic focus, magnetic deflection).
9BP4-----			9AP4-----	1904P4-----	Cathode ray (electrostatic focus, magnetic deflection).
			9BP4-----		Cathode ray (electrostatic focus, magnetic deflection).
9C21-----	N16-T-59009-20-		9C21-----		Transmitting triode.
9C22-----	N16-T-59009-24-		9C22-----		Transmitting triode.
9C23-----	N16-T-59000-28-		9C23-----		Transmitting, water cooled triode.
9C24-----			9C24-----		Transmitting, water and forced air cooled triode.
9C25-----	N16-T-59009-36-		9C25-----		Transmitting, forced air cooled triode.
9C26-----	N16-T-59009-40-		9C26-----		Transmitting, forced air cooled triode.
9C27-----			9C27-----		Transmitting, water and forced air cooled triode.
9C28-----			9C28-----		Transmitting, water cooled triode.
9C29-----	N16-T-59009-52-		9C29-----		Transmitting, air cooled triode.
9C30-----	N16-T-59009-56-		9C30-----		Transmitting, water cooled triode.
9C31-----	N16-T-59009-60-		9C31-----		Transmitting, air cooled triode.
9CP4-----			9CP4-----		Cathode ray (magnetic focus and deflection).
9DP1-----			9DP1-----	2514A9-----	Cathode ray (electrostatic focus and deflection).
9DP2-----			9DP2-----	2514B9-----	Cathode ray (electrostatic focus and deflection).
9DP3-----			9DP3-----	2514C9-----	Cathode ray tube.
9DP4-----			9DP4-----	2514D9-----	Cathode ray (electrostatic focus and deflection).
9DP5-----			9DP5-----	2514C9-----	Cathode ray (electrostatic focus and deflection).
9DP11-----			9DP11-----		Old Dumont 9DP5; longer persistence than present 9DP5.
9EP1-----			9EP1-----		Cathode ray (electrostatic focus and deflection).
9EP4-----			9EP4-----		Cathode ray (electrostatic focus and deflection).



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First Edition

**SECTION  
16-820  
ELECTRON  
TUBES**

## CROSS INDEX OF ELECTRON TUBE TYPES

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
9EP7-----			9EP7-----		Cathode ray (electrostatic focus and deflection).
9FP1-----			9FP1-----		Cathode ray (electrostatic focus and deflection).
9GP7-----	N16-T-59010----		9GP7-----	VCRI40, ZP549, C7487-	Cathode ray (magnetic focus and deflection-Similar to 9MP7).
9GP7A-----	N16-T-59010-50-		9GP7A-----		Cathode ray.
9HP7-----			9HP7-----		Cathode ray (magnetic focus and deflection).
9JP1-----	N16-T-59011----	F	9JP1-----	1809P1, C7431-----	Cathode ray (electrostatic focus, electrostatic and magnetic deflection). Obsolete.
9LP1-----			9LP1-----		Cathode ray (magnetic focus and deflection).
9LP7-----	N16-T-59017----	L	9LP7-----	GL455, ZP455, C455---	Cathode ray (magnetic focus and deflection).
9MP1-----			9MP1-----		Cathode ray (magnetic focus and deflection).
9MP7-----			9MP7-----		Cathode ray (replace with 9GP7).
9MP7/9GP7-----			9GP7-----	VCRI40, ZP549, C7487-	Cathode ray (magnetic focus and deflection).
9MP9-----			9MP9-----		Cathode ray (magnetic focus and deflection).
9NP1-----			9NP1-----		Cathode ray (magnetic focus and deflection).
9NP7-----			9NP7-----		Cathode ray (electrostatic focus and deflection).
9ZBP7-----			9ZBP7-----		Cathode ray (electrostatic focus and deflection).
A10-----			A10-----		Cathode ray tube-9 gun.
CE10-----			CE10A/B,C,D,---	NU10-----	Therapy type HF triode (obsolete: similar to 111H).
CE10A/B-----			CE10A/B-----	NU10A/B-----	Phototube.
CE10C-----			CE10C-----	NU10C-----	Phototube.
CE10D-----			CE10D-----	NU10D-----	Phototube.
CR10-----			CR10-----		Phototube.
CW10-----	N16-T-59100----		CW10-----	655B, REL10, 604B, 604A	Grid controlled gas rectifier.
D10-----			2C26-----		Receiving acorn type UHF diode rectifier-Similar to 9004, except for pin connections (Canadian).
G10-----			1P31-----	VG4, CE3D, WE3A, 79A4	See 2C26.
GLC10-----	N16-T-59101----		GLC10-----		Gas phototube-See 1P31.
NU10-----				CE10-----	Geiger-Mueller Tube.
P10-----			5906-----		Phototube.
RCA10-----			10-----		See 5906.
RELIC-----			CW10-----	604B, 655B-----	See 10.
VG10-----	N16-T-59101-5--		VG10-----		See 10 (RK10 discontinued, replace with 10Y). Vacuum phototube.
VG10A-----			1B67-----		Geiger-Mueller counter tube.
VX10-----	N16-T-59101-10-		VX10-----		See 1B67.
10-----			10-----	PT210, 210, RCA10, RK10, CX310	Time delay thermal relay.
10-3-----	N16-T-59101-30-		10-3-----		See 10Y (replace with 10Y).
10-4A-----	N16-T-59101-40-	F	10-4A-----		Ballast.
10-4B-----	N16-T-59101-42-	F	10-4B-----		Ballast tube.
10-4D-----	N16-T-59101-44-		10-4D-----		Ballast tube.
10-4E-----	N16-T-59101-45-		10-4E-----		Ballast.
10-54449-----			10-54449-----		Ballast.
10-B4-----	N16-T-59102----		10-B4-----		Cold cathode discharge tube.
10BP4-----	N16-T-59103----		10BP4-----		Ballast.
10BP4A-----			10BP4A-----		Cathode ray (magnetic focus and deflection).
10CP4-----	N16-T-59103-20-		10CP4-----		Television picture tube.
10D-----	N16-T-59103-40-		10D-----		Cathode ray (magnetic focus and deflection).
10DP4-----			10DP4-----		Ballast.
10E-----	N16-T-59103-50-		1B73-----	62009, 1B73-----	Cathode ray (electrostatic focus and magnetic deflection).
10E/9-----			832-----		Gamma counter tube.
10E/92-----			91-----		See 832.
10E/95-----			FG95-----		See 91.
10E/97-----			VT90(Br.)/8011-----		See FG95.
10E/105-----			VR92(Br.)-----		See VT90(Br.)/8011.
10E/109-----			VT94(Br.)-----		See VR92(Br.).
10E/142-----			VT61A(Br.)-----		See VT94(Br.).
10E/146-----			VU111-----		See VT61A(Br.).
					See VU111.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
10E/150-----			VU504-----		See VU504.
10E/169-----			VT114(Br.)-----		See VT114(Br.).
10E/176-----			VR117(Br.)-----		See VR117(Br.).
10E/211-----			V0133-----		See V0133.
10E/215-----			VT104(Br.)-----		See VT104(Br.).
10E/224-----			VT98(Br.)-----		See VT98(Br.).
10E/231-----			VT127(Br.)-----		See VT127(Br.).
10E/244-----			VT98(Br.)-----		See VT98(Br.).
10E/287-----			VR91A(Br.)-----		See VR91A(Br.).
10E/333-----			42-----		See 42.
10E/337-----			6C6-----		See 6C6.
10E/339-----			6D6-----		See 6D6.
10E/340-----			6B7-----		See 6B7.
10E/346-----			6F6G-----		See 6F6G.
10E/466-----			1810P1-----		See 1810P1.
10E/587-----			807-----		See 807.
10E/1540-----			VR78(Br.)-----		See VR78(Br.).
10E/7312-----			VT25(Br.)-----		See VT25(Br.).
10E/8097-----			VU29-----		See VU29.
10E/8739-----			VT31(Br.)-----		See VT31(Br.).
10E/11398-----			VT52(Br.)-----		See VT52(Br.).
10E/11399-----			VR53(Br.)-----		See VR53(Br.).
10E/11400-----			VR54(Br.)-----		See VR54(Br.).
10E/11401-----			VR55(Br.)-----		See VR55(Br.).
10E/11402-----			VR56(Br.)-----		See VR56(Br.).
10E/11441-----			8018-----		See 8018.
10E/11443-----			8019-----		See 8019.
10E/11449-----			6J5GT/G-----		See 6J5GT/G.
10E/11452-----			VS69-----		See VS69.
10E/11529-----			955-----		See 955.
10E/11534-----			VU71(Br.)-----		See VU71(Br.).
10E/11540-----			TZ40-----		See TZ40.
10EP4-----			VR78(Br.)-----		See VR78(Br.).
10EP4-----			10EP4-----		Cathode ray (magnetic focus and deflection).
10FP4-----	N16-T-59103-30-		10FP4-----	R6025-----	Cathode ray (magnetic focus and deflection).
10GP4-----			10GP4-----		Cathode ray (electrostatic focus and deflection).
10HP4-----	N16-T-59103-94-		10HP4-----		Cathode ray (electrostatic focus and deflection).
10KP4-----			10KP4-----		Cathode ray (magnetic focus and deflection).
10KP7-----	N16-T-59103-90-		10KP7-----		Cathode ray.
10M-----			1B74-----	62010, 1B74-----	Gamma counter tube.
10MP4-----			10MP4-----		Television picture tube.
10MP4A-----			10MP4A-----		Television picture tube.
10PEK-----			10PEK-----		Phototube multiplier.
10 Special-----			VT25A-----	25A, 2C25-----	See VT25A.
10 Special(RCA)-----			1602-----		Superseded by 1602-See 1602.
10T1-----	N16-T-59104-----		10T1-----		Ballast.
10X-----			10X-----		Transmitting triode amplifier. (10 with ceramic base).
10Y-----	N16-T-59110-----	F	10Y-----	2566A, 2C23-----	Transmitting and receiving triode amplifier oscillator (10 with micanol base).
All-----			All-----		Therapy type HF triode.
BW11-----			834-----	WE304B-----	See 834.
CE11-----			CE11A/B,C,D,V-----		Phototube-See 11V.
CE11A/B-----			CE11A/B-----		Phototube.
CE11D-----			CE11D-----		Phototube.
CE11V-----			917-----		Phototube.
CV11-----			CV11-----		Therapy type HF triode (similar to UXCV11 211H, A331).
FI1X-----			FI1X-----		Transmitting triode-water cooled (20XW).
G11-----					Gas phototube.
K11-----			1B69-----	1B69, VG13, G11-----	Beta-Gamma counter tube.
NUL1V-----			917-----		See 917.
PJ11-----	N16-T-59118-----		PJ11-----		Special purpose triode vacuum control tube (inactive).
RK11-----			RK11-----	TZ40-----	Transmitting triode amplifier (discontinued).
UXCV11-----	N16-T-59124-----		UXCV11-----		CV11 with UX base (similar to HY-51-A, 332, T841SW).
V11-----			V11-----		Vacuum phototube.
VG11-----			VG11-----	NE2, CD1010CL-----	Neon lamp.
VXG11-----			1B97-----	1B97-----	Gamma counter tube.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
#D11-----			#D11-----	11-----	Receiving triode detector amplifier (obsolete).
11-----			#D11-----		Receiving triode detector amplifier (obsolete).
11V-----			917-----	917, CE11V, NU11V----	See 917 (Type CE1 with anode at top).
CE12-----			CE12A/B,C,D----	NU12-----	Phototube (same as CE1 except bulb is round instead of tubular).
CE12A/B-----			CE12A/B-----		Phototube.
CE12C-----			CE12C-----		Phototube.
CE12D-----			CE12D-----		Phototube.
G12-----			G12-----		Gas phototube.
GE12X825-----			WE327A-----		See WE327A.
GU12(Br.)-----			866A-----		See 866A.
HV12-----			HV12/T814-----	4C24-----	Transmitting triode amplifier (replace with 814).
HV12/T814-----			HV12/T814-----	4C24, T814-----	Transmitting triode amplifier.
NU12-----				CE12-----	Phototube (same as NU1 except bulb is round instead of tubular).
PJ12-----			PJ12-----		Similar to 211 (discontinued).
RK12-----			RK12-----	H730Z-----	Transmitting triode amplifier (obsolete, similar to 908).
SRCL2-----			5817-----		See 5817.
T12S(SV)-----			T12S(SV)-----		Transmitting triode power amplifier.
V12-----					Vacuum phototube.
VC12-----			VC12-----		British.
WX12-----	N16-T-59220----		WX12-----	12-----	Receiving triode detector amplifier (obsolete).
X-12-----			X-12-----		Velocity variation 4MF oscillator.
12-----	N16-T-59221----		WX12-----		Receiving triode detector amplifier (obsolete).
12A-----			12A/112A-----		See 12A/112A.
12A/112A-----	N16-T-59222----		12A/112A-----	6X112A, 3392, 12A, 3810Z	Receiving triode detector amplifier (obsolete) (similar to 71A).
12A5-----	N16-T-59225----		12A5-----		Receiving pentode power amplifier.
12A6-----	N16-T-59228----	G	12A6-----		Receiving pentode power amplifier.
12A6GT-----	N16-T-59229----		12A6GT-----		Receiving pentode power amplifier.
12A6GTY-----	N16-T-59230----		12A6GTY-----		12A6GT with Micanol base.
12A6Y-----	N16-T-59230-50-		12A6Y-----		12A6 with Micanol base.
12A7-----	N16-T-59231----	F	12A7-----		Receiving diode rectifier pentode amplifier.
12A8G-----			12A8G-----		See 12A8GT replace with 12A8GT.
12A8GT-----	N16-T-59236----	F	12A8GT-----		Receiving pentagrid converter (type 6A8 characteristics).
12A86GT-----			12A86GT-----		Receiving twin triode low mu amplifier.
12A87GT-----	N16-T-59239----	F	12A87GT-----		Receiving twin triode amplifier (type 6A87GT characteristics).
12AL5-----	N16-T-59239-40-		12AL5-----		Receiving, miniature twin diode.
12AP4-----			12AP4-----	1803P4-----	Cathode ray (electrostatic focus, magnetic deflection).
12AP7-----	N16-T-59239-50-		12AP7-----	C7442-----	Cathode ray (electrostatic focus and deflection).
12AT6-----	N16-T-59240----		12AT6-----		Miniature version of 12SQ7.
12AT7-----	N16-T-59240-10-	J	12AT7-----		Receiving, 9 pin miniature twin triode.
12AU6-----	N16-T-59240-20-		12AU6-----		Receiving, miniature pentode.
12AU7-----	N16-T-59241----	F	12AU7-----	A-4478-----	Receiving, 7 pin miniature twin triode, separate cathodes (twin 6C4).
12AU7#-----			5814-----		See 5814.
12AV6-----	N16-T-59241-30-		12AV6-----		Receiving, miniature double diode, high mu triode.
12AV7-----			12AV7-----		Receiving low noise twin triode-miniature.
12AW6-----	N16-T-59241-50-		12AW6-----		Receiving miniature RF pentode (similar to 6AG5).
12AX7-----	N16-T-59241-60-	F	12AX7-----		Receiving 9 pin miniature twin triode, separate cathodes.
12AY7-----	N16-T-59241-70-		12AY7-----		Receiving, twin triode.
12B6M-----			12B6M-----		Receiving diode triode (Canadian).
12B7-----			14A7/12B7-----	14A7, 12B7-----	See 14A7/12B7.
12B7WL-----			14A7WL/12B7WL-----		See 14A7WL/12B7WL.
12B9GT-----	N16-T-59242----		12B9GT-----		Receiving triode pentode amplifier (obsolete).
12BA6-----	N16-T-59242-50-		12BA6-----		Miniature version of 12SQ7.
12BA7-----			12BA7-----		Receiving, pentode converter.
12B06-----	N16-T-59242-55-		12B06-----		Receiving, miniature RF pentode.
12B56-----	N16-T-59242-60-		12B56-----		Miniature version of 12SA7.
12B6-----	N16-T-59242-65-		12B6-----		Receiving, miniature duodiode, low mu triode.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
12BK6-----			12BK6-----		Double diode triode.
12BT6-----			12BT6-----		Double diode triode.
12BU6-----			12BU6-----		Double diode triode.
12C8-----	N16-T-59243----	H	12C8-----		Receiving duodiod pentode amplifier (type 688 characteristics).
12C8-K9-----			VT153-----	1664, 12C8 special---	12C8 with shell directly connected to #1 pin.
12C8 Special---			VT153-----	1664, 12C8-K9-----	12C8 with shell directly connected to #1 pin.
12C8Y-----			VT153-----		12C8 with shell directly connected to #1 pin.
12CP4-----			12CP4-----		Cathode ray (magnetic focus and deflection).
12D-----	N16-T-58245----		12D-----		Ballast tube.
12DP4-----			12DP4-----		Cathode ray (magnetic focus and deflection).
12DP7-----	N16-T-58247----	F	12DP7-----	VCR516, ZP477, C7495B	Cathode ray (magnetic focus and deflection).
12DP7A-----	N16-T-58248----		12DP7A-----		Limiting aperture version of 12DP7.
12DP7Z-----			12DP7A-----		See 12DP7A.
12DP8-----			12DP8-----	ZP477, REL25-----	Canadian cathode ray (magnetic focus and deflection) -obsolete-replace with 12DP7.
12ESGT/G-----			12ESGT/G-----		Receiving triode amplifier (similar to 6PSGT/G).
12EP1-----			12EP1-----		Cathode ray (obsolete).
12EP8-----			12EP8-----		Canadian cathode ray (obsolete, modify characteristics. 12Q7GT/G will replace if lead on pin #4 is put on pin #3).
12F5GT-----	N16-T-58252----		12F5GT-----		Cathode ray (electrostatic focus and deflection).
12FP1-----			12FP1-----		Cathode ray (electrostatic focus and deflection).
12FP7-----			12FP7-----	ZP548-----	Cathode ray (electrostatic focus and deflection).
12G7G-----			12G7G-----		Duodiod triode.
12GP7-----	N16-T-58257----		12GP7-----	GL499-----	Cathode ray (electrostatic focus and deflection).
12H-----			1630-----	A5583A-----	See 1630.
12H6-----	N16-T-58260----	H	12H6-----		Receiving duodiod rectifier doubler (Type 6H6 characteristics).
12HP1-----			12HP1-----	REL33A-----	Cathode ray (electrostatic focus and deflection).
12HP3-----			12HP3-----	REL33-----	Cathode ray (electrostatic focus and deflection).
12HP7-----	N16-T-58267----		12HP7-----	REL37-----	Cathode ray (electrostatic focus and deflection).
12J5-----	N16-T-58273----	J	12J5-----		Receiving triode detector amplifier.
12J5GT-----	N16-T-58275----	J	12J5GT-----		Receiving triode detector amplifier (Type 6J5 characteristics).
12J5WGT-----	N16-T-58277----		12J5WGT-----		Ruggedized version of 12J5GT.
12J7G-----			12J7G-----		See 12J7GT; replace with 12J7GT.
12J7GT-----	N16-T-58282----		12J7GT-----		Receiving triple grid pentode amplifier (similar to 6J7, 12K7GT).
12JP4-----	N16-T-58283----		12JP4-----		Cathode ray (magnetic focus and deflection).
12JP7-----	N16-T-58284----		12JP7-----		Cathode ray tube.
12K7G-----			12K7G-----		See 12K7GT; replace with 12K7GT.
12K7GT-----	N16-T-58287----		12K7GT-----		Receiving pentode amplifier (similar to 6K7, 12J7GT).
12K8-----	N16-T-58289----	F	12K8-----		Receiving triode hexode converter.
12K8GT-----			12K8GT-----		Receiving triode hexode converter (Type 6K8 characteristics).
12K8 Special---			12K8Y-----		See 12K8Y.
12K8Y-----	N16-T-58294----	F	12K8Y-----	12K9 Special---	Type 12K8 with micanol base.
12KP4-----			12KP4-----		Cathode ray (magnetic focus and deflection).
12KP4A-----			12KP4A-----		Television picture tube.
12L8GT-----	N16-T-58295----		12L8GT-----		Receiving twin pentode power amplifier.
12LP4-----			12LP4-----		Cathode ray (magnetic focus and deflection).
12LP4A-----			12LP4A-----		Television picture tube.
12Q7G-----			12Q7G-----		See 12Q7GT; replace with 12Q7GT.
12Q7GT-----	N16-T-58297----		12Q7GT-----		Receiving duodiod triode (Type 6Q7 characteristics).
12QP4-----			12QP4-----		Cathode ray (magnetic focus and deflection).

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## BUREAU of SHIPS SECTION - Part II

First Edition

SECTION  
16-820  
ELECTRON  
TUBES

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
12RP4-----			12RP4-----		
12S8GT-----	N16-T-58299----		12S8GT-----		Cathode ray tube (magnetic focus and deflection).
12SA7-----	N16-T-58300----	G	12SA7-----		Receiving triode diode triode.
12SA7G-----			12SA7G-----		Receiving pentagrid converter.
12SA7GT-----			12SA7GT/G-----		See 12SA7GT/G; Replace with 12SA7GT/G.
12SA7GT/G-----	N16-T-59302----		12SA7GT/G-----		See 12SA7GT/G.
12SA7GTI-----	N16-T-58303----		12SA7GTI-----		Receiving pentagrid converter (Type 6SA7 characteristic).
12SA7Y-----	N16-T-58304----		12SA7Y-----		12SA7GT with Micanol base.
12SC7-----	N16-T-58307----	G	12SC7-----		12SA7 with Micanol base.
12SF5-----	N16-T-58315----		12SF5-----		Receiving twin triode amplifier (Similar to 6SC7, 12SL7GT).
12SF5GT-----	N16-T-58317----		12SF5GT-----		Receiving triode amplifier (Type 6SF5 characteristics).
12SF7-----	N16-T-58322----	H	12SF7-----		Receiving triode amplifier (12SQ7 will replace if base is rewired).
12SF7GT-----			12SF7GT-----		Receiving diode pentode (Type 6SF7 characteristics).
12SF7Y-----	N16-T-58323----	H	12SF7Y-----		Receiving diode pentode.
12SG7-----	N16-T-58325----	K	12SG7-----		12SF7 with Micanol base.
12SG7GT-----	N16-T-58326----		12SG7GT-----		Receiving pentode amplifier (Type 6SG7 characteristics).
12SG7Y-----	N16-T-58327----		12SG7Y-----		Receiving pentode amplifier (Type 6SG7 characteristics).
12SH7-----	N16-T-58328----	H	12SH7-----		12SG7 with Micanol base.
12SH7GT-----	N16-T-58329----		12SH7GT-----		Receiving pentode amplifier (Type 6SH7 characteristics).
12SJ7-----	N16-T-58331----	I	12SJ7-----		Receiving pentode amplifier (Type 6SH7 characteristics).
12SJ7GT-----	N16-T-58333----	J	12SJ7GT-----		Receiving triple grid pentode amplifier.
12SK7-----	N16-T-58334----	H	12SK7-----		Receiving triple grid pentode amplifier (Type 6SJ7 characteristics).
12SK7G-----			12SK7G-----		Receiving pentode amplifier.
12SK7GT-----			12SK7GT/G-----		See 12SK7GT/G; replace with 12SK7GT/G.
12SK7GT/G-----	N16-T-58336----		12SK7GT/G-----		See 12SK7GT/G.
12SK7GTI-----	N16-T-58337----		12SK7GTI-----		Receiving pentode amplifier (similar to 6SK7, 12SJ7GT/G).
12SK7Y-----	N16-T-58337-50----		12SK7Y-----		12SK7GT with Micanol base.
12SL7GT-----	N16-T-58339----	H	12SL7GT-----		12SK7 with Micanol base.
12SL7H-----	N16-T-58339-5----		12SL7H-----		Receiving twin triode amplifier (similar to 6SL7GT, 12SC7).
12SN7GT-----	N16-T-58345----	F	12SN7GT-----		Ruggedized version of 12SL7GT.
12SN7H-----	N16-T-58345-5----		12SN7H-----		Receiving twin triode amplifier (Type 6SN7GT characteristics).
12SP7-----			12SP7-----		Ruggedized version of 12SN7GT.
12SQ7-----	N16-T-58350----	H	12SQ7-----		Cathode ray tube.
12SQ7G-----	N16-T-58352----		12SQ7G-----		Receiving duodiode triode.
12SQ7GT-----			12SQ7GT/G-----		See 12SQ7GT/G; replace with 12SQ7GT/G.
12SQ7GT/G-----			12SQ7GT/G-----		See 12SQ7GT/G.
12SR7-----	N16-T-58357----	F	12SR7-----		Receiving duodiode triode (Type 6SQ7 characteristics).
12SR7GT-----	N16-T-58358----		12SR7GT-----		Receiving duodiode triode (Type 6SR7 characteristics).
12SW7-----	N16-T-58359----		12SW7-----		Receiving duodiode triode (Type 6R7 characteristics).
12SW7GT-----	N16-T-58359-25----		12SW7GT-----		Version of 12SR7 for 28-V operation.
12SX7GT-----	N16-T-58359-50----		12SX7GT-----		Discontinued in favor of 12SY7.
12SY7-----	N16-T-58359-70----		12SY7-----		Receiving twin triode amplifier selected 12SN7GT for 28-v. operation.
12SY7GT-----	N16-T-58360----		12SY7GT-----		Receiving pentagrid converter (28-volt type 12SA7).
12TP4-----			12TP4-----		Receiving pentagrid converter (25-volt type 12SA7GT).
12UP4-----			12UP4-----		Cathode ray (magnetic focus and deflection)
12UP4A-----			12UP4A-----		Television picture tube.
12VP4-----			12VP4-----		Television picture tube.
12VP4A-----			12VP4A-----		Television picture tube.
2X3-----			12X3-----		Television picture tube.
12X925-----	N16-T-58361----		4B35-----	WE327A, WL966626----	Special purpose vacuum diode rectifier (Canadian).
12Z2P7-----	N16-T-58362----		12Z2P7-----		Diode gas rectifier (supersedes 277465).
12Z3-----	N16-T-58363----		12Z3-----		Cathode ray tube (electrostatic focus and deflection)-dual gun.
12Z5-----			12Z5-----	6Z5-----	Receiving diode rectifier.
					Receiving voltage doubler rectifier-Obsolete.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
CE13-----			CE13A/B,C,D,V--	NUI3-----	Phototube (Type CE2 with anode at top).
CE13A/B-----			CE13A/B-----	NUI3A/B-----	Phototube (Type CE2 with anode).
CE13C-----			CE13C-----	NUI3C-----	Phototube (Type CE2 with anode).
CE13D-----			CE13D-----	NUI3D-----	Phototube (Type CE2 with anode).
CE13V-----			CE13V-----	NUI3V-----	Phototube.
FA13-----	N16-T-58366----		FA13-----		Indicator tube.
G13-----					Gas phototube.
L-B13-----			1P25-----		See 1P25.
NUI3-----			NUI3-----	CE13-----	Phototube (similar to NU2 with anode at top).
SRC13-----			5818-----		See 5818.
V13-----					Vacuum phototube.
VG13-----			1B68-----	G11, K11, 1B69----	Beta-Gamma counter tube.
X-13-----			X-13-----		Velocity variation 4MF oscillator.
13-----			80-----	213-----	See 80; replace with 90.
13-4-----	N16-T-58375----		13-4-----		Ballast tube.
13-4B-----	N16-T-58375-50-		13-4B-----		Ballast tube.
13B-----			80-----	213B, 313B----	See 80; replace with 90.
13T4-----	N16-T-58377----		13T4-----		Ballast tube.
CE14-----			CE14A/B,C,D----	NUI4-----	Phototube.
CE14A/B-----			CE14A/B-----	NUI4A/B-----	Phototube.
CE14C-----			CE14C-----	NUI4C-----	Phototube.
CE14D-----			CE14D-----	NUI4D-----	Phototube.
FA14-----	N16-T-58380----		FA14-----		Compensator tube for resistance vacuum gage.
G14-----			920-----		See 920.
G14T-----					Gas phototube.
GL14-----			914-----		See 914.
HK14-----			HK14-----		Transmitting triode.
NUI4-----				CE14-----	Phototube (similar to NUI3 with grid surrounding anode).
PJ14-----				PJ14B-----	Special phototube.
PJ14B-----			PJ14-----		See PJ14.
V14T-----					Vacuum phototube.
14-----	N16-T-58394----		14-----		Receiving screen grid r-f amplifier (similar to 24A).
14A4-----	N16-T-58395----		14A4-----		Receiving lock-in type triode amplifier (Type 7A4 characteristics).
14A5-----			14A5-----		Receiving lock-in type power amplifier.
14A7-----	N16-T-58400----		14A7/12B7-----	12B7-----	See 14A7/12B7.
14A7/12B7-----	N16-T-58401----		14A7/12B7-----	12B7, 14A7-----	Receiving lock-in type pentode amplifier (similar to 7A7, 14C7).
14A7WL/12B7WL--			14A7WL/12B7WL--	12B7WL-----	Receiving pentode amplifier (replace with 14A7/12B7).
14AF7-----	N16-T-58401-10-		14AF7-----		Receiving twin triode (similar to XKD, 14N7).
14AP1-----	N16-T-58401-15-		14AP1-----	2531A14-----	Cathode ray (electrostatic focus and deflection).
14AP2-----			14AP2-----	2531B14-----	Cathode ray (electrostatic focus and deflection).
14AP4-----	N16-T-58401-30-		14AP4-----	2531D14-----	Cathode ray (electrostatic focus and deflection).
14AP5-----			14AP5-----	2531C14-----	Cathode ray (electrostatic focus and deflection).
14B6-----	N16-T-58402----		14B6-----		Receiving lock-in type duodiode triode (Type 7B6 characteristics).
14B8-----			14B8-----		Receiving lock-in type pentagrid converter (similar to 7B3, 14J7, 14J7, 12A8GT).
14BP4-----			14BP4-----		Television picture tube.
14C5-----	N16-T-58405----		14C5-----		Receiving lock-in type pentode power amplifier (Type 6V6 characteristics).
14C7-----	N16-T-58417----		14C7-----		Receiving lock-in type triple grid detector amplifier (similar to 14A7/12B7).
14CP4-----			14CP4-----		Cathode ray (magnetic focus and deflection).
14DP4-----			14DP4-----		Television picture tube.
14E6-----	N16-T-58421----		14E6-----		Receiving lock-in type duodiode triode (Type 7E6 characteristics).
14E7-----	N16-T-58422----		14E7-----		Receiving lock-in type duodiode pentode (Type 7E7 characteristics).
14F7-----	N16-T-58427----	F	14F7-----		Receiving lock-in type twin triode amplifier (Type 7F7 characteristics).
14F8-----	N16-T-58428----		14F8-----		Receiving, lock-in type double triode amplifier (type 7F8 characteristics).

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## BUREAU of SHIPS SECTION - Part II

First Edition

SECTION  
16-820  
ELECTRON  
TUBES

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
14H7-----	N16-T-58437----		14H7-----		
14J7-----	N16-T-58439----		14J7-----		Receiving lock-in type pentode amplifier (Type 7H7 characteristics).
14N7-----	N16-T-58447----		14N7-----		Receiving lock-in type triode heptode converter (similar to 7J7, 14B3, 14B7).
14Q7-----	N16-T-58450----		14Q7-----		Receiving lock-in type twin triode amplifier (similar to 7N7, 14A67).
14R7-----	N16-T-58452----		14R7-----		Receiving lock-in type pentagrid converter (Type 7Q7 characteristics).
14S7-----	N16-T-58457----		14S7-----		Receiving lock-in type duodiode pentode (Type 7R7 characteristics).
14W7-----	N16-T-58467----		14W7-----		Receiving lock-in type triode heptode converter (similar to 14B3, 14J7).
14X7-----	N16-T-58473----		14X7-----		Receiving lock-in type pentode amplifier
14Y4-----	N16-T-58474----		14Y4-----		Receiving, lock-in type high mu triode.
14Z3-----			14Z3-----		Receiving lock-in type duodiode rectifier.
CE15-----					Receiving lock-in type diode rectifier (replace with 12Z3).
CE15A/B-----			CE15A/B,C,D-----	NU15-----	Phototube (rectangular anode).
CE15C-----			CE15A/B-----		Phototube.
CE15D-----			CE15C-----		Phototube.
FA15-----	N16-T-59505----		CE15D-----		Phototube.
G15-----	N16-T-59507----				Vacuum switch (SPDT).
G15F-----			G15-----		Phototube.
GWL15W1F-----	N16-T-59510----		927-----		Gas phototube.
H15S-----			GWL15W1F-----		Geiger-Mueller tube.
HW15-----			4J36-41-----		Magnetron series-See 4J36-41.
LW15-----			CE203-----	AC203-----	Diode gas rectifier-See CE203.
Mark 15, Mod 1F			LW15-----		Superseded by 2P21 (similar to C7557).
NU15-----			Mark 15, Mod 1F		Beta-Gamma counter tube.
PT15-----				CE15-----	Phototube.
R15A-----			VT104(Br.)-----		See VT104(Br.).
RK15-----			5B21-----		See 5B21.
V15F-----			RK15-----		Receiving triode power amplifier (discontinued, type 46 nearest equivalent).
VG15-----	N16-T-59513----				Vacuum phototube.
15-----	N16-T-59515----		BS-7-----		Geiger-Mueller tube.
15A-----	N16-T-59525----		15-----		Receiving pentode amplifier.
15AP4-----	N16-T-59530----		15A-----		Receiving tetrode amplifier.
15CP4-----			15AP4-----		Cathode ray (magnetic focus and deflection).
15DP4-----					Cathode ray (electromagnetic focus and deflection).
15E-----	N16-T-59535----	D	15DP4-----		Television picture tube.
15G-----			15E-----	8023, 4C30, 3-15A3/15E	Transmitting UHF triode amplifier.
15R-----	N16-T-59545----	D			Diode gas rectifier.
C16J-----			15R-----	2-15A/15R	Transmitting diode vacuum rectifier.
CE16-----			C16J-----	ELC16J-----	Grid controlled gas rectifier.
CE16A/B-----			CE16A/B,C,D-----	NU16-----	Phototube.
CE16C-----			CE16A/B-----	NU16A/B-----	Phototube.
CE16D-----			CE16C-----	NU16C-----	Phototube.
CV16-----			CE16D-----	NU16D-----	Phototube.
EL-16-----	N16-T-59506----		CV16-----	RCL16, S25A-----	Phototube.
EL16B-----	N16-T-59616----		EL-16-----		Grounded grid triode (British).
EL16F-----			16B-----		Diode gas rectifier.
ELC16J-----			16F-----		Diode gas rectifier.
G16-----	N16-T-59621----		C16J-----		Diode gas rectifier.
G16B-----					See C16J.
CE16X897-----			G16B-----		Gas phototube.
NE16-----			4B27-----		Gas phototube.
NU16-----			991-----		See 4B27.
P-0016A-----					See 991.
P00163-----			P-0016A-----		Phototube (similar to NU1 with cathode in independent halves).
REL16-----			GL152-----		GE X-ray, see FP265.
RF16-----				870, 579	See GL152.
SRX-16-----	N16-T-59624----		RK16-----		Receiving triode power amplifier (discontinued, Type 59 nearest equivalent).
V16-----					Reflex Klystron oscillator.
V16B-----			SRX-16-----		Vacuum phototube.
16-----			V16B-----		Vacuum phototube.
16-6-----	N16-T-59626----		81-----		See 81.
16AP4-----			16-6-----		Ballist.
			16A74-----		Cathode ray (magnetic focus and deflection).

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
16B-----	N16-T-59630----		16B-----		Gas rectifier.
16CP4-----			16CP4-----		16" Directly viewed kinescope with iron trap.
16DP4-----			16DP4-----		Cathode ray tube.
16DP4A-----			16DP4A-----		Television picture tube.
16EP4-----			16EP4-----		Television picture tube.
16EP4A-----			16EP4A-----		Television picture tube.
16F-----	N16-T-59640----		16F-----	E116F-----	Diole gas rectifier.
16FF4-----			16FF4-----		Cathode ray tube.
16GP4-----			16GP4-----		Television picture tube.
16HP4-----			16HP4-----		Television picture tube.
16HP4A-----			16HP4A-----		Television picture tube.
16JP4-----			16JP4-----		Television picture tube.
16JP4A-----			16JP4A-----		Television picture tube.
16KP4-----			16KP4-----		Television picture tube.
16LP4-----			16LP4-----		Television picture tube.
16MP4-----			16MP4-----		Television picture tube.
16MP4A-----			16MP4A-----		Television picture tube.
16QP4-----			16QP4-----		Television picture tube.
16RP4-----			16RP4-----		Television picture tube.
16SP4-----			16SP4-----		Television picture tube.
16SP4A-----			16SP4A-----		Television picture tube.
16TP4-----			16TP4-----		Television picture tube.
16UP4-----			16UP4-----		Cathode ray (magnetic focus and deflection).
16VP4-----			16VP4-----		Television picture tube.
16WP4-----			16WP4-----		Television picture tube.
16X997-----			4B27-----	39397, GE16X997, CE201	See 4B27.
16XP4-----			16XP4-----		Television picture tube.
16YP4-----			16YP4-----		Television picture tube.
ARP17-----			ARP17-----	N985, 6F6G-----	Receiving tetrode power amplifier.
CE17-----			CE17A/B,C,D-----	NU17-----	Phototube.
CE17A/B-----			CE17A/B-----	NU17A/B-----	Phototube.
CE17C-----			CE17C-----	NU17C-----	Phototube.
CE17D-----			CE17D-----	NU18A/B-----	Phototube.
EE17-----			FG17-----		See FG17.
FG17-----	N16-T-59700----		FG17-----	39217, 272, 967, 0517, 4261, TT17, CE309, EE17, 17, WL5557/17, NL715	Grid-controlled gas rectifier, see 5574.
GI17F-----					Gas phototube.
NU17-----					Phototube (similar to NU2 with flat cathode).
RK17-----			RK17-----		Receiving pentode power amplifier (discontinued. Type 2A5 nearest equivalent).
SRL17-----			SRL17-----		Vacuum phototube.
TT17-----					Velocity variation UHF oscillator-Klystron.
V17F-----			FG17-----		Grid controlled gas rectifier.
VC17-----			6D4-----		Vacuum phototube.
WL17-----	N16-T-58709----		FG17-----		See 6D4.
17-----			17-----		See FG17.
17-3-----	N16-T-58710----		17-3-----		Receiving triode (similar to Type 27).
17G2-----	N16-T-58717----		17G2-----		Ballast tube.
CE18-----	N16-T-59900----		CE18A/B,C,D-----	NU18-----	Ballast tube.
CE18A/B-----	N16-T-58805----		CE18A/B-----	NU18A/B-----	Gas phototube.
CE18B-----					Gas phototube.
CE18C-----			CE18C-----	NU18C-----	Gas phototube (now CE18A/B).
CE18D-----			CE18D-----	NU18D-----	Gas phototube.
CV18-----			2C34-----	DET19, RK34, CV18 (Br.)	Gas phototube.
CV18(Br.)-----			2C34-----		See 2C34.
GI8T-----					See 2C34.
HV18-----			HF200-----	C200, NU200, T200-----	Gas phototube.
M-19A-----	N16-T-58912----		M-18A-----		See HF200.
NU18-----				CE18-----	Geiger-Mueller counter tube.
RK18-----			RK18-----		Gas phototube.
SRX18-----			SRX18-----		Transmitting triode amplifier (discontinued).
VI8T-----					Velocity variation UHF oscillator-reflex Klystron.
18-----			18-----		Vacuum phototube.
DET19-----			2C34-----		Receiving power amplifier, pentode.
					See 2C34.



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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
REL19-----			ZP436-----	GL436-----	Canadian designation for ZP436 (obsolete).
RK19-----	N16-T-58900----		RK19-----		Transmitting diode rectifier (discontinued).
SAC19-----			SAC19-----		Velocity variation UHF oscillator-Klystron.
19-----	N16-T-58919----		19-----		Receiving twin triode amplifier (Type 1J6G characteristics).
19AP4-----			19AP4-----		CRT.
19BG6-----			19BG6-----		Receiving beam power amplifier.
19DP4-----			19DP4-----		Television picture tube.
19DP4A-----			19DP4A-----		Television picture tube.
19EP4-----			19EP4-----		Television picture tube.
19FP4-----			19FP4-----		Television picture tube.
19GP4-----			19GP4-----		Television picture tube.
19J6-----			19J6-----		Receiving miniature medium-mu twin triode.
19T8-----	N16-T-58925----		19T8-----		Receiving 9 pin miniature triple diode triode.
CE20-----			CE20A/B,C,D----	NU20-----	Gas phototube, obsolete, superseded by CE25.
CE20A/B-----			CE20A/B-----	NU20A/B-----	Gas phototube, obsolete, superseded by CE25.
CE20C-----	N16-T-58940----		CE20C-----		Phototube.
CE20D-----			CE20D-----		Obsolete-phototube.
FV20-----	N16-T-58950----		FV20-----	UE-FV20-----	Special purpose triode vacuum control tube.
GE20X672-----			4B36-----		See 4B36.
KR20-----			KR20-----		Receiving special detector.
NU20-----					See 927.
NU20C-----			927-----		See 927.
REL20-----			REL20-----		Watson thyratron.
RK20-----			804-----	RC4804-----	Transmitting pentode amplifier (discontinued, replace with 804).
RK20A-----	N16-T-58955----		RK20A-----	CK70-----	Transmitting pentode amplifier (Type RK20(804) and RK46 characteristics).
T20-----	N16-T-58975----		T20-----		Transmitting triode amplifier (similar to 1623).
TUF20-----			TUF20-----		Transmitting or receiving VHF triode (Taylor).
TZ20-----	N16-T-59000----		TZ20-----		Transmitting triode amplifier-Multiplier
U20-----			CV31-----		See CV31.
UE-FV20-----			FV20-----		See FV20.
20-----			20-----	UX120-----	Receiving triode amplifier (obsolete).
20-4-----	N16-T-59010----		20-4-----		Ballast tube.
20AP1-----	N16-T-59020----		20AP1-----	2532A20-----	Cathode ray (electrostatic focus and deflection). Obsolete, superseded by K-1019P1, etc.
20AP2-----	N16-T-59020-20-		20AP2-----	2532B20-----	Cathode ray (electrostatic focus and deflection). Obsolete, superseded by K-1019P1, etc.
20AP4-----	N16-T-59020-30-		20AP4-----	2532C20-----	Cathode ray (electrostatic focus and deflection). Obsolete, superseded by K-1019P1, etc.
20AP5-----	N16-T-59020-35-		20AP5-----	2532D20-----	Cathode ray (electrostatic focus and deflection). Obsolete, superseded by K-1019P1, etc.
20AP11-----			20AP11-----		Cathode ray (electrostatic focus and deflection). Obsolete, superseded by K-1019P1, etc.
20BP1-----	N16-T-59020-45-		20BP1-----		Old DuPont 20AP5; longer persistence than present 20AP5.
20BP4-----			20BP4-----		Cathode ray (magnetic focus and deflection).
20BP7-----	N16-T-59020-50-		20BP7-----		Cathode ray (magnetic focus and deflection).
20J3-----			20J3-----		Cathode ray tube.
20X672-----	N16-T-59022----		4B36-----	859133-----	Receiving triode heptode converter (Canadian).
A21-----			A21-----		Diode gas rectifier.
AR21-----			VR55(Br.)-----		Therapy type HF triode.
AW21-----			AW21-----		See VR55(Br.).
CE21-----			CE21A/B,C,D----	G14, NU21, 60A-----	Triode vacuum control tube (similar to 203A).
CE21A/3-----			CE21A/B-----	G14, NU21A/B, 60A-----	See CE21C.
CE21C-----			920-----	60A3-----	See CE21C.
CE21D-----			CE21D-----	G14, NU21A/B, 60A-----	See 920.
D21-----			3D21-----		See CE21C.
G21-----			G21-----		See 3D21.
					Gas phototube.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
KY21-----			KY21-----		Grid controlled gas rectifier (superseded by KY21A/KY21).
KY21A/KY21-----			KY21A/KY21-----		Grid controlled gas rectifier. See CE21C.
NU21-----				G14, CE21, 60A-----	Triode vacuum control tube.
PJ21-----	N16-T-59110----		PJ21-----		Spark gap tube for SCR 533.
REL21-----	N16-T-59120----		V1507-----	10E/467-----	Diode vacuum rectifier (obsolete, nearest equivalent 836).
RK21-----	N16-T-59130----		RK21-----	39266A-----	Diode gas rectifier (superseded by RX21A/RX21).
					Transmitting diode gas rectifier.
RX21-----	N16-T-59135----		RX21-----		Transmitting triode amplifier.
RX21A/RX21-----			RX21A/RX21-----		Transmitting tetrode amplifier (similar to 6L67X).
RY21-----			RY21-----		Subminiature type diode. See 5799.
T21-----			T21-----	RK49-----	Velocity variation UHF oscillator.
					Ballast tube.
VW21-----	N16-T-59137----		VW21-----		Receiving tetrode amplifier (obsolete).
VX21-----	N16-T-59138----		5799-----		Receiving tetrode amplifier (obsolete, nearest equivalent is 24A1).
X-21-----			X-21-----		Gas phototube.
21-2-----	N16-T-59140----		21-2-----		Gas phototube.
A22-----			A22-----		Gas phototube.
					See 924.
AC22-----			AC22-----		Phototube (without base).
					Phototube (without base).
CE22-----			CE22A/B,C,D-----	NU22-----	Geiger-Mueller counter tube.
CE22A/B-----			CE22A/B-----	NU22A/B-----	Receiving special detector.
CE22C-----			CE22C-----	NU22C-----	Cathode ray.
CE22D-----			924-----		Gas phototube.
CE-22WB-AB-----	N16-T-59180----		CE-22WB-AB-----		Vacuum phototube.
CE-22WB-S1-----	N16-T-59184----		CE-22WB-S1-----		Obsolete, Canadian number.
D22-----			D22-----	D22S-----	Obsolete Canadian number.
KR22-----			KR22-----		See 3823.
WW22-2-----			WW22-2-----		Velocity variation UHF oscillator-Klystron.
NU22-----				CE22, 924-----	Receiving tetrode amplifier (obsolete).
PJ22-----	N16-T-59200----		PJ22-----	V-9, WL734, CE1VC-----	Cathode ray (magnetic focus and deflection).
REL22-----			REL22-----	REL Special-----	Phototube.
REL22 Special--			REL22-----		Phototube.
RK22-----			REL22-----		Gas phototube, replace with 923.
SAX22-----			3823-----	39222-----	Gas phototube, replace with 923.
			SAX22-----		Transmitting triode amplifier.
					Gas phototube.
22-----	N16-T-59220----		22-----	3222, 38022, SE3222--	Gas phototube.
22AP4-----			22AP4-----		Sutton.
					Transmitting pentode amplifier oscillator-ceramic base.
22AP4A-----			22AP4A-----		Velocity variation UHF oscillator-Klystron.
					Ballast tube.
CE23-----	N16-T-59330----		CE23A/B,C,D-----		Ballast tube.
CE23A/B-----			CE23A/B-----		Obsolete phototube.
CE23C-----			CE23C-----		
CE23D-----			CE23D-----		
KU23-----			KU23-----	NU300-----	
NU23-----				CE23, 923-----	
PJ23-----			868-----	CE1, WL735, 869/PJ23-	
REL23-----			REL23-----		
RK23-----	N16-T-59335----		RK23-----		
SAK23-----			SAK23-----		
23-55A-----	N16-T-59338----		23-55A-----		
23D4-----	N16-T-59340----		23D4-----		
CE24C-----			CE24C-----		
FT24-----	N16-T-59405----				
HK24-----	N16-T-59424----		HK24-----	25T, 3-25A3/25T, 3C34	
HY24-----			3C24-----	25TG-----	
K24-----			HY24-----	RX24-----	
RK24-----	N16-T-59428----		K24-----		
			RK24-----	HY24-----	
RX24-----					
SRC24-----			SRC24-----		
VG24G-----	N16-T-59430----		VG24G-----		
24-----			24-----	224-----	
24A-----	N16-T-59444----	H	24A-----	24, 3924, 38024, 124-	
24G-----	N16-T-59450----	J	24G-----		
24S-----			24S-----		
24XH-----			24XH-----		
ATS25-----			807-----		
B25-----	N16-T-59435----		B25-----		

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
B25-----			B25-----		Cathode ray.
CE25-----			CE25A/B,C,D,V--		Gas phototube, see CE25A/B, CE25C, CE25D, and CE25V.
CE25A-----	N16-T-59495-5--		CE25A/B-----		See CE25A/B.
CE25A/B-----	N16-T-59495-6--		CE25A/B-----		Gas phototube.
CE25C-----	N16-T-59495-10-		927-----	1P32, 51A3-----	See 927; replace with 927.
CE25D-----			927-----		See 927; replace with 927.
CE25L-----			CE25L-----		Phototube.
CE25V-----			CE25V-----	CE25-----	Gas phototube, see CE25A/B, CE25C, CE25D, CE25V.
CV25-----			CV25-----	4242A-----	Transmitting modulator r-f amplifier (British).
D25-----			2E25-----		See 2E25.
HY25-----			HY25-----		Transmitting triode amplifier.
KR25-----			KR25-----		Receiving pentode power amplifier nearest equivalent 2A5).
NU25-----				CE25-----	Gas phototube, see CE25C and CE25D.
NU25C-----			927-----		See 927.
Pen. 25-----			CV65-----		See CV65.
REL25-----			12DP8-----	2P477-----	See 12DP8.
RK25-----	N16-T-59505----		RK25-----		Transmitting pentode amplifier oscillator-Ceramic base (nearest equivalent 802).
RK25A-----			RK25A-----		Discontinued, see RK25, RK25B.
RK25B-----			RK25B-----		Similar to RK25 except for phenolic base-See RK25.
S25A-----			CV16-----		See CV16.
SOS-25-----			SOS25-----		Velocity variation UHF oscillator-Klystron (diathermy).
VT25A-----	N16-T-59515----		VT25A-----	2C25-----	Transmitting triode amplifier-oscillator (similar to 10Y).
VT25 (Br.)-----			VT25 (Br.)-----	AT35, 10E/7312, CV1362	Transmitting triode amplifier.
WT25-----			WT25-----		Triode vacuum control tube.
25-4-----	N16-T-59517----		25-4-----		Ballast tube.
25-25B-----			1B5/25S-----		See 1B5.
25A-----			VT25A-----		See VT25A.
25A6-----	N16-T-59520----		25A6-----		Receiving pentode amplifier (obsolete, see 25A6GT/G).
25A6G-----			25A6G-----		See 25A6GT/G.
25A6GT-----			25A6GT/G-----		See 25A6GT/G.
25A6GT/G-----	N16-T-59522----		25A6GT/G-----		Receiving pentode amplifier (obsolete: similar to 25L6GT/G).
25A6WG-----			25A6WG-----		Obsolete, equivalent to 25A6 and 25A6GT/G.
25A7G-----			25A7G-----		See 25A7GT/G; replace with 25A7GT/G.
25A7GT-----			25A7GT/G-----		See 25A7GT/G.
25A7GT/G-----	N16-T-59527----		25A7GT/G-----		Receiving diode rectifier, pentode amplifier.
25AC5G-----			25AC5G-----		See 25AC5GT/G.
25AC5GT-----			25AC5GT/G-----		See 25AC5GT/G.
25AC5GT/G-----	N16-T-59535----		25AC5GT/G-----		Receiving triode amplifier (obsolete).
25AV5GT-----			25AV5GT-----		Beam power amplifier.
25B5-----	N16-T-59540----		25B5-----		Receiving twin triode direct coupled amplifier (obsolete, replace with 25L6GT/G circuit).
25B6-----	N16-T-59543----		25B6-----		Receiving pentode amplifier (obsolete, replace with 25L6GT/G circuit).
25B6G-----	N16-T-59545----		25B6G-----		Receiving pentode amplifier (obsolete, replace with 25L6GT/G circuit).
25B6GT-----	N16-T-59546----		25B6GT-----		Receiving pentode amplifier (obsolete, replace with 25L6GT/G circuit).
25B8GT-----	N16-T-59549----		25B8GT-----		Receiving triode pentode-Obsolete (Type 12B8GT characteristics).
25BQ6GT-----			25BQ6GT-----		Receiving beam pentode.
25C6G-----	N16-T-59551----		25C6G-----		Receiving pentode amplifier (Type 6Y6G characteristics).
25D8GT-----			25D8GT-----		Receiving diode triode pentode.
25L6-----	N16-T-59560----		25L6-----		Receiving pentode amplifier (obsolete, replace with 25L6GT/G).
25L6G-----	N16-T-59561----		25L6G-----		See 25L6GT/G; replace with 25L6GT/G.
25L6GT-----			25L6GT/G-----		See 25L6GT/G.
25L6GT/G-----	N16-T-59562----		25L6GT/G-----		Receiving pentode amplifier.
25L7GT/G-----			25L7GT/G-----		Receiving pentode amplifier diode rectifier.
25N6G-----	N16-T-59571----		25N6G-----		Receiving twin triode amplifier-Obsolete.
25Q6GT-----			25Q6GT-----		Beam pentode.

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25R-----			25R-----	2-25A/25R-----	Transmitting diode vacuum rectifier.
25S-----			1B5/25S-----		See 1B5/25S.
25S25-----			1B5/25S-----	1B5-----	See 1B5/25S.
25T-----			HK24-----		See HK24.
25TG-----			3C24-----	HK24G-----	See 3C24.
25W4GT-----			25W4GT-----		Receiving rectifier, half wave.
25X6GT-----	N16-T-59578----		25X6GT-----		Receiving diode rectifier doubler (similar to 25Z6GT/G).
25Y4-----			25Y4-----		Receiving diode rectifier.
25Y4GT-----			25Y4GT-----		Receiving diode rectifier (similar to 25Z4).
25Y5-----	N16-T-59580----		25Y5-----		Receiving diode rectifier doubler (nearest equivalent is 25Z5).
25Z3-----	N16-T-59583----		25Z3-----		Receiving diode rectifier.
25Z4-----	N16-T-59585----		25Z4-----		Receiving diode rectifier (similar to 25Y4GT).
25Z5-----	N16-T-59590----	E	25Z5-----	38255-----	Receiving diode rectifier doubler (nearest equivalent is 25Y5).
25Z6-----	N16-T-59595----	F	25Z6-----		See 25Z6GT/G; replace with 25Z6GT/G.
25Z6GT-----		F	25Z6GT/G-----		See 25Z6GT/G; replace with 25Z6GT/G.
25Z6GT/G-----	N16-T-59597----		25Z6GT/G-----		Receiving diode rectifier double (similar to 25X6GT).
25Z6WG-----			25Z6WG-----	25Z5WG-----	Obsolete; equivalent to 25Z6 and 25Z6GT/G.
25Z6WGT-----	N16-T-59598----		25Z6WGT-----		Ruggedized version of 25Z6GT/G.
CE26-----	N16-T-59600----			NU26, WE6A-----	Phototube (same as CE3 except in basing) See 1P33.
CE26D-----			1P33-----		Gas phototube, see 1P33.
CV26-----			813-----		See 813.
NU26-----	N16-T-59615----			CE26-----	Phototube.
QK26-----			707B-----		See 707B.
SAC26-----			SAC26-----		Velocity variation UHF oscillator.
26-----	N16-T-59626----		26-----		Receiving triode amplifier.
26A5-----	N16-T-59630----		26A5-----	A4449-----	Miniature tetrode (beam power) amplifier.
26A6-----	N16-T-59632----		26A6-----	A4455E-----	Miniature 63G7 r-f pentode amplifier.
26A7GT-----	N16-T-59634----		26A7GT-----	A5637E-----	Receiving twin pentode amplifier.
26B6-----			26B6-----	A5641B-----	Obsolete, superseded by 26D6.
26C6-----	N16-T-59640----		26C6-----	A4454-----	Miniature 6SR7 duplex diode triode.
26D6-----	N16-T-59645----		26D6-----		Miniature 6SA7 pentagrid converter, see 26B6.
D27-----			6AL5-----	R6269-----	See 6AL5.
FG27A-----	N16-T-59700----		FG27A-----		Grid controlled gas rectifier.
HK27-----			HK27-----		Receiving VHF beam pentode.
HV27-----			HV27/T822-----	T822-----	Transmitting triode amplifier.
HV27/T822-----			HV27/T822-----	HV27, T822-----	Transmitting triode amplifier.
K27-----			27-----		See 27.
SMS27-----			SMS27-----		Velocity variation UHF oscillator.
27-----	N16-T-59727----	F	27-----	3373, 38027-----	Receiving triode detector amplifier (similar to 56).
27A-----			27A-----		Type 27 with low current filament (discontinued, see 27).
27HM-----			27HM-----		Receiving triode detector amplifier (obsolete).
27S-----			27S-----		Receiving triode detector amplifier (similar to 27).
A28-----			A28-----		Receiving triode detector amplifier.
CE28-----			CE28A/B, C, D-----		Gas phototube, see CE28D.
CE28A/B-----			CE28A/B-----	CE28-----	Gas phototube See CE28D.
CE28C-----			CE28C-----	CE28-----	Gas phototube See CE28D.
CE28D-----			928-----		See 928.
CV28-----			CV28-----	ACT9-----	Transmitting triode amplifier (British).
CW28-----			CW28-----		Therapy type triode (inactive).
D28-----			6AQ6-----		See 6AQ6.
KR28-----			84-----		See 84.
QK28-----			2K28-----		See 2K28.
RK28-----			RK28-----		Transmitting pentode amplifier.
RK28A-----			803-----	29A-----	See 803.
SAS28-----			SAS28-----		Velocity variation UHF oscillator.
28A-----			803-----		See 803.
28D7-----	N16-T-59730----	F	28D7-----		Receiving lock-in type double beam power amplifier.
28D7W-----	N16-T-59731----		28D7W-----		Ruggedized version of 28D7.
28Z5-----	N16-T-59905----		28Z5-----		Receiving lock-in type diode rectifier.
BK29B-----	N16-T-59900----		BK29B-----		Ballast tube.
BK29D-----	N16-T-59910----		BK29D-----		Ballast tube.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
CE29-----			CE29A/B,C,D-----		Vacuum phototube (similar to 929).
CE29A/B-----			CE29A/B-----		Phototube.
CE29C-----			CE29C-----		Phototube.
CE29D-----			CE29D-----		Phototube.
CV29-----			CV29-----	EL135-----	Transmitting UHF triode (British).
FG29-----			FG29-----		Grid controlled gas rectifier, superseded by GL44.
REL29-----			REL29-----		Soft Sutton (88).
SAC29-----			SAC29-----		Velocity variation UHF oscillator.
VU29-----			VU29-----	10M/8037-----	Diode gas rectifier (British).
29-----			29-----		Receiving special detector.
A30-----			A30-----		Receiving power amplifier triode.
British VT30---			T250-----		See T250.
CE30-----			-----	NU30, 930-----	Phototube (similar to CE15).
CE30C-----			930-----		See 930.
CE30V-----			-----		Phototube.
CV30-----			CV30-----	427CA-----	Transmitting modulator r-f. amplifier (British).
HD30-----			3B4-----		See 3B4.
HY30Z-----			809-----		See 809.
L30C-----			2C3B-----		See 2C3B.
L-30-P-----			2C41-----		See 2C41.
NU30-----			-----	CE30-----	Phototube.
NU30Z-----			809-----		See 809.
QK30-----			QK30-----		Pirani bulb ionization manometer.
REL30-----			REL30-----	TR337, 1B24-----	Obsolete Canadian number, see 1B24.
RK30-----			800-----		See 800 (RK30 discontinued, replace with 800).
RW30-----			RW30-----		Obsolete (similar to 213 and CG1361).
SAX30-----			SAX30-----		Velocity variation UHF oscillator.
Twin 30-----			Twin 30-----		Transmitting twin triode amplifier.
30-----	N16-T-60300----	F	30-----	38030, 3872-----	Receiving triode detector amplifier.
30 Special-----			VT67-----	(Not Type 30)-----	See VT67.
30Z-----			809-----	NU30Z, HY30Z-----	See 809.
CE31-----			CE31A/B,C,D-----		Phototube.
CE31A/B-----			CE31A/B-----		Phototube.
CE31C-----			CE31C-----		Phototube.
CE31D-----			CE31D-----		Phototube.
CE31V-----			919-----	NU31V, 919-----	See 919 (Type CE11V cathode at top).
CE31VD-----			919-----		See 919.
CV31-----			CV31-----	U20-----	Transmitting duodiode rectifier (British).
HY31Z-----	N16-T-60305----		HY31Z/HY1231Z--	NU31Z, HY1231Z-----	Transmitting twin triode amplifier-modulator-multiplier.
HY31Z/HY1231Z--			HY31Z/HY1231Z--	NU31Z, HY1231Z-----	Transmitting twin triode amplifier-modulator-multiplier.
KR31-----			KR31-----		Receiving diode rectifier.
NU31V-----			919-----	CE31V-----	See 919.
NU31Z-----			HY31Z/HY1231Z--		See HY31Z/HY1231Z.
REL31-----			REL31-----		F.C.W. similar to 723A/3 (Canadian).
RK31-----			RK31-----		Transmitting triode amplifier (discontinued).
SMK31-----			SMK31-----		Velocity variation UHF oscillator.
VT31 (Br.)-----			VT31 (Br.)-----	536, AT3250, 10E/8739 CV1C31-----	Transmitting tetrode amplifier.
31-----	N16-T-60310----		31-----	33031-----	Receiving triode power amplifier.
A32-----			A32-----		Receiving triode amplifier.
CE32-----			CE32A/B,C,D-----	NU32-----	Vacuum phototube.
CE32A/B-----			CE32A/B-----	NU32A/B-----	Vacuum phototube.
CE32C-----			CE32C-----	NU32C-----	Vacuum phototube.
CE32D-----			CE32D-----	NU32D-----	Vacuum phototube.
CV32-----			866A-----	GU12 (Br.)-----	See 866A.
CV32 (Br.)-----			866A/866-----		See 866A/866.
EL32-----			VT52 (Br.)-----		See VT52 (Br.).
FG32-----	N16-T-60314----		FG32-----	GL-5553/FG-32, WL-5558/32, 5558	Diode gas rectifier.
GE HE32-----			GE HE32-----	CD4005C-----	1 watt neon lamp, 105-125v G10 bulb.
REL32-----			REL32-----	BM313-----	F.C.W. magnetron, obsolete (Canadian).
RK32-----			RK32-----		Transmitting triode amplifier (discontinued).
SMX32-----			SMX32-----		Velocity variation UHF oscillator.
VW32-----	N16-T-60316----		VW32-----		Subminiature type low mu triode.
VX-32-----	N16-T-60317----		5802-----		Subminiature triode.
VX32B-----	N16-T-60318----		5802-----		See 5802.
32-----	N16-T-60320----		32-----	38032, 3873, 1B4P-----	Receiving tetrode amplifier (similar to 34).
32C40505-----			1N49-----		See 1N49.

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32C406G5A-----			1N49-----	-----	See 1N49.
32C406G5B-----			1N50-----	-----	See 1N50.
32C406G5C-----			1N51-----	-----	See 1N51.
32C406G5D-----			1N52-----	-----	See 1N52.
32C406G5E-----			1N63-----	-----	See 1N63.
32E-----			932-----	-----	See 932, replace with 1229.
32L7GT-----	N16-T-60327----		32L7GT-----	-----	Receiving diode rectifier, pentode amplifier (obsolete).
CE33-----			-----	NU33-----	Phototube (type CE13 with cathode at top).
CV33-----			CV33-----	4077A-----	Diode gas rectifier (British).
EDC33-----			VR55(3r.)-----	-----	See VR55(3r.).
FG33-----	N16-T-60330----		FG33-----	-----	Grid controlled gas rectifier.
GL33-----			-----	-----	-----
NU33-----			-----	CE33-----	Phototube.
QK33-----			2K33-----	-----	See 2K33.
REL33-----			12HP3-----	-----	See 12HP3.
REL33A-----			12HP1-----	-----	See 12HP1.
RK33-----			2C21-----	1642, 35233-----	See 2C21.
SAC33-----			SAC33-----	-----	Velocity variation UHF oscillator.
VX-33-----	N16-T-60332----		5801-----	-----	Subminiature triode.
VX33A-----	N16-T-60332-50-		5801-----	-----	See 5801.
33-----	N16-T-60333----		33-----	-----	Receiving pentode amplifier.
ARP34-----			VR53(Br.)-----	-----	See VR53(Br.).
EB34-----			VR54(Br.)-----	-----	See VR54(Br.).
GL34A-----			1S21-----	-----	See LD21.
GL34 (Long)-----			24154-----	-----	See 24154.
GL34 (Short)-----			1S21-----	24163-----	See 24163 and 1S21.
HD34-----			2C40-----	GL446-----	Receiving miniature beam amplifier.
REL34-----			2C34-----	-----	See 445 and 2C40.
RK34-----			SWS34-----	-----	See 2C34.
SWS34-----			34-----	32-----	Velocity variation UHF oscillator.
34-----	N16-T-60340----	F	3AP1-----	-----	Receiving pentode amplifier.
34XH-----			ARP35-----	VR31, MUL, EF50-----	See 3AP1.
ARP35-----			VT25(Br.)-----	-----	Receiving RF pentode amplifier.
AT35-----			C35-----	RX219-----	See VT25(Br.).
C35-----	N16-T-60349----		2B27-----	2P447-----	Special purpose (small).
REL35-----			RK35-----	-----	Diode, see 2B27.
RK35-----			SAC35-----	-----	Transmitting type triode amplifier.
SAC35-----			3D23-----	-----	Velocity variation UHF oscillator.
TB35-----			UH35-----	-----	Transmitting beam power tetrods (Taylor)
UH35-----			35-----	4465, 38035, 51, 551, 35/51	Transmitting type triode amplifier.
35-----	N16-T-60350----		35-25-----	38035, 51-----	Receiving type tetrods amplifier (similar to 24A).
35-25-----	N16-T-60352----		35-----	-----	Ballast tube.
35/51-----			35A5-----	-----	See 35.
35A5-----	N16-T-60357----		35A5LT-----	-----	Receiving lock-in type pentode amplifier
35A5LT-----			35B5-----	-----	Obsolete.
35B5-----	N16-T-60357-20-		35C5-----	-----	Receiving miniature beam power amplifier (35L6GT characteristics).
35C5-----	N16-T-60357-30-		35L6G-----	-----	Receiving miniature beam power pentode.
35L6G-----			35L6GT/G-----	-----	See 35L6GT/G.
35L6GT-----		L	35L6GT/G-----	-----	See 35L6GT/G.
35L6GT/G-----	N16-T-60359----		35R-----	2-50A/35R-----	Receiving pentode amplifier.
35R-----			35S/51S-----	-----	Transmitting diode vacuum rectifier.
35S-----			35S/51S-----	551S, 35S, 51S-----	See 35S/51S.
35S/51S-----			35T-----	3-50A4/35T-----	Type 35/51 with spray shield (obsolete; replace with 35 and shield).
35T-----	N16-T-60355----		35TG-----	3-50B4/35TG-----	Transmitting type triode amplifier.
35TG-----	N16-T-60356----		35T4-----	-----	Transmitting type triode amplifier.
35T4-----	N16-T-60359-50-		35T4-----	-----	Nearest equivalent is 4C25(HK54).
35T4-----	N16-T-60359-70-		35Z3-----	-----	Miniature version of 35Z5GT/G.
35Z3-----	N16-T-60360----		35Z3-----	-----	Receiving lock-in type diode rectifier.
35Z3LT-----			35Z4-----	25Z4-----	Receiving lock-in type diode rectifier.
35Z4-----	N16-T-60363----		35Z4GT-----	-----	See 35Z3.
35Z4GT-----	N16-T-60365----		35Z5G-----	-----	Use 35Z4GT.
35Z5G-----			35Z5GT/G-----	-----	Receiving diode rectifier.
35Z5GT-----			35Z5GT/G-----	-----	See 35Z5GT/G; replace with 35Z5GT/G.
35Z5GT/G-----	N16-T-60368----	H	35Z6G-----	-----	See 35Z5GT/G.
35Z6G-----	N16-T-60369-10-		35Z6GT-----	-----	Receiving diode rectifier.
35Z6GT-----	N16-T-60369----		CE36C-----	19210-----	Receiving duodiode rectifier.
CE36C-----	N16-T-60369-50-		-----	-----	Receiving duodiode rectifier, never announced.
					Gas phototube (similar to 927, except shorter in base).

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E36-----			E36-----		Hydrogen Thyratron.
EF36-----			VR56(Br.)-----		See VR56(Br.).
L36D-----	N16-T-60369-74-		L36D-----		Ballast tube.
QK36-----			3B26-----		See 3B26.
REL36-----	N16-T-60370----		REL36-----		Grounded grid acorn type (Canadian).
RK36-----			100TL-----		Transmitting triode amplifier.
SRC36-----			SRC36-----		Velocity variation UHF oscillator.
36-----	N16-T-60371----	J	36-----	4610, 38036, 36A----	Receiving tetrode amplifier (similar to 39/44).
36A-----			36-----		See 36.
CE37-----			CE37-----		Gas phototube.
REL37-----			12HP7-----		See 12HP7.
RK37-----	N16-T-60376----		RK37-----		Transmitting triode amplifier (obsolete).
RL37-----			CV66-----		See CV66.
RN37-----			CV66-----		See CV66.
37-----	N16-T-60377----	J	37-----	4611, 38037, 37A----	Receiving triode detector amplifier (similar to 76).
37-4-----	N16-T-60379----		37-4-----		Ballast tube.
37A-----			37-----		See 37.
CE38-----			CE38-----		Gas phototube.
CV38-----			CV38-----	E1198, REL3C, W2510--	Transmitting UHF oscillator (British).
REL38-----			REL38-----	1923-----	Spark gap modulator (Canadian).
REL38A-----			CV85-----	1923F-----	See CV35.
REL38B-----			CV100-----	1924-----	See CV100.
REL38C-----			CV125-----	2027-----	See CV125.
REL38D-----			REL38D-----		Special based 2027 spark gap modulator (Canadian).
RK38-----	N16-T-60379-80-		RK38-----		Transmitting triode amplifier oscillator (similar to 100TH, 4C22/HF100 and HK254).
38-----	N16-T-60380----	J	38-----	4612, 38038, 38A----	Receiving pentode amplifier.
38A-----			38-----		See 38.
CE39-----			CE39-----		Gas phototube.
EF39-----			VR53(Br.)-----		See VR53(Br.).
REL39-----			REL39-----		Canadian 6AC7 selected for microphonics.
RK39-----	N16-T-60388----		RK39-----		Transmitting pentode amplifier (similar to 807 except for capacitances).
WE39DY1-----			39DY1-----		See 39DY1.
39-----	N16-T-60390----	J	39/44-----	38039-----	Obsolete, superseded by 39/44.
39/44-----	N16-T-60395----		39/44-----	44, 239, 39-----	Receiving pentode amplifier (similar to 36).
39DY1-----			39DY1-----	WE39DY1-----	Transmitting triode UHF oscillator.
A40-----			A40-----		Receiving power amplifier triode.
CE40-----					Phototube.
HY40-----			HY40-----	NU40T-----	Transmitting triode amplifier oscillator-modulator.
HY40Z-----	N16-T-60398----		HY40Z-----		Transmitting triode amplifier modulator-multiplier (similar to Nu40TZ).
L40C-----	N16-T-60403----		L40C-----		Ballast tube.
L40CT-----	N16-T-60404----		L40CT-----		Ballast tube.
NU40T-----					Transmitting triode amplifier modulator.
NU40TZ-----				HY40Z-----	Transmitting triode amplifier modulator-multiplier.
REL40-----			REL40-----		Cathode ray (Canadian).
T40-----			T40-----	NU40T-----	Transmitting triode amplifier.
TZ40-----	N16-T-60405----		TZ40-----	NU40TZ-----	Transmitting triode (nearest equivalent British VI76, 10E/11534 and DA41).
40-----	N16-T-60406----		40-----	3720, 38040-----	Receiving triode amplifier (obsolete, similar to 12 A/112A).
40-6D-----	N16-T-60409----		40-6D-----		Ballast tube (superseded by 40-6E).
40-6E-----	N16-T-60409-5--		40-6E-----		Ballast tube.
40Z5GT-----	N16-T-60409-15-		45Z5GT-----		Receiving diode rectifier.
40Z5/45Z5GT-----			45Z5GT-----	40Z5GT, 45Z5GT-----	Receiving diode rectifier.
CE41-----					Gas phototube. (See CE41C.)
CE41C-----			CE41C-----		Gas phototube (similar to 921).
FC41-----	N16-T-60409-20-		FC41-----		Grid controlled gas rectifier.
REL41-----			REL41-----		Canadian 6AC7 selected for microphonics.
RK41-----			RK41-----		Transmitting tetrode amplifier (discontinued) (similar to Type RK39, 807).
VW41-----	N16-T-60409-25-		VW41-----		Subminiature type electrometer tetrode.
VX-41-----	N16-T-60409-30-		5800-----		Receiving subminiature tetrode.
VX41A-----	N16-T-60409-40-		5800-----		See 5800.
VX41AC-----	N16-T-60409-50-		VX41AC-----		VX41A in a plastic sleeve.
41-----	N16-T-60410----	J	41-----	38041-----	Receiving pentode amplifier (similar to 6K6G, 42, 6B5).
CE42-----					Vacuum phototube-See CE42C.
CE42C-----			CE42C-----		Vacuum phototube (similar to 922).

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K-42-A-----	N16-T-60419----		K-42-A-----		Ballast tube.
K42B-----	N16-T-60420----		K42B-----		Ballast tube.
K42C-----	N16-T-60421----		K42C-----		Ballast tube.
L42B-----	N16-T-60421-50-		L42B-----		Ballast tube.
M-42A-----	N16-T-60421-60-		M-42A-----		Geiger-Mueller counter tube.
REL42-----			CV90-----	EL369----	See CV90.
RK42-----			RK42-----		Receiving triode amplifier (similar to types 30, 1G6GI).
42-----	N16-T-60422----	J	42-----	10E/333----	Receiving pentode amplifier (similar to 6F6G, 4I).
42A-----	N16-T-60425----		42A-----		Ballast tube.
42A1-----			42A1-----		Ballast tube.
42A2-----			42A2-----		Ballast tube.
42A/79-----	N16-T-60427----		42A/79-----		Ballast tube.
42B2-----			42B2-----		Ballast tube.
REL43-----			9UP9-----		Cathode ray, now obsolete (Canadian).
RK43-----			RK43-----		Receiving twin triode amplifier.
43-----	N16-T-60430----		43-----		Receiving pentode amplifier (Type 25A6G characteristics).
43WC-----			25A6-----		See 25A6.
43WG-----			43WG-----		Obsolete, equivalent to 43.
REL44-----			CV129-----	KRM2A-----	See CV129.
RK44-----			837-----		See 837.
44-----	N16-T-60440----		39/44-----	39-----	See 39/44.
CV45-----			CV45-----		Voltage regulator (British).
GE45X674-----			38674-----		See 38674.
H45-----			3C45-----	ZJ547----	See 3C45.
KL45-----	N16-T-60445----		KL45-----		Ballast tube.
REL45-----			12FP7-----		Cathode ray.
RK45-----			RK45-----		Transmitting pentode amplifier.
45-----	N16-T-60450----		45-----	3921, 38045, UX245----	Receiving triode amplifier (similar to 2A3).
45A-----			45A-----		Receiving power amplifier triode.
45A3-----			45A3-----		
45 Special-----			38142-----	2C45-----	See 38142.
45X674-----	N16-T-60451----	D	38674-----	1674, 5824----	Use 6C.
45Z3-----	N16-T-60452----		45Z3-----	R6130-----	Receiving diode rectifier, miniature.
45Z5GT-----	N16-T-60457----		45Z5GT-----	40Z5/45Z5GT----	Receiving diode rectifier.
B46-----			B56-----		Ballast tube.
CE46-----					Phototube.
LM46-----	N16-T-60460----		LM46-----	V25J438----	Neon bulb.
REL46-----			CV16-----	325A-----	Obsolete Canadian number; see CV16.
RK46-----			RK46-----		Transmitting pentode amplifier (Type RK20A characteristics, except for filament).
46-----	N16-T-60465----		46-----		Receiving dual grid triode amplifier.
46A1-----			46A1-----		Ballast tube.
46B1-----	N16-T-60466----		46B1-----		Ballast tube.
B47-----	N16-T-60469----		B47-----		Ballast tube.
CE47-----					Phototube.
QK47-----			2J55-----		Magnetron; see 2J55.
REL47-----			CV59-----	EL273----	See CV59.
RK47-----			814-----		See 814.
47-----	N16-T-60470----	D	47-----	38017----	Receiving pentode power amplifier.
A48-----			A48-----		Receiving triode detector amplifier.
CE49-----			1P34-----		Gas phototube; see 1P34.
NE49-----	N16-T-60481----	F	991-----	CD2005----	Neon indicator tube; see 991.
NR48-----			VR55(Br.)-----		See VR55(Br.).
REL49-----			CV82-----		See CV82.
RK49-----			RK48-----		Obsolete; see RK48A/RK48.
RK48A-----			RK48A/RK48-----		See RK48A/RK48.
RK48A/RK49-----	N16-T-60475----		RK48A/RK49-----	257-----	Transmitting tetrode amplifier (equivalent to 814).
48-----	N16-T-60480----		48-----		Receiving tetrode power amplifier (obsolete).
CE49-----					Phototube.
CV49-----			CV49-----	39/501A, HK54, 35TG--	Transmitting UHF triode (British).
K49B-----			165R4-----		See 165R4.
K49C-----			165R3-----		See 165R3.
K49C-B-----			K49C-B-----		Ballast tube.
NR49-----			VR56(Br.)-----		See VR56(Br.).
REL49-----			CV8C-----		See CV8C.
RK49-----	N16-T-60483----		RK49-----	#E350A, T21-----	Transmitting tetrode amplifier-Ceramic case.
T49-----			T49-----		2-volt 60 ma dial lamp (not a tube).
UE49-----			849-----		See 849.



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49-----	N16-T-60495----		49-----		Receiving dual grid triode amplifier (similar to 1F4, 19, 1J63).
49A1-----			49A1-----		Ballast tube.
49A2-----			49A2-----		Ballast tube.
49B2-----			49B2-----		Ballast tube.
CE50-----			CE50-----	NU50-----	Phototube.
EA50-----			VR92(Br.)-----		See VR92(Br.).
EF50(YUL)-----			VR71 (Br.)-----	ARP35, 10E/92-----	See VR71 (Br.).
EF50(JS)-----			VR71A (Br.)-----	10E/297-----	See VR71A (Br.).
FB50-----	N16-T-60502----		896-----		See 896.
FP50-----			FP50-----		Ballast tube.
GK50-----			5C22-----		See 5C22.
HD50-----			3C30-----		See 3C30.
HZ50-----			12Z3-----		Receiving rectifier; see 12Z3.
NU50-----				CE50-----	Phototube.
QK50-----			5C22-----		See 5C22.
REL50-----			CV95-----		See CV95.
SR50-----			SR50-----		Vacuum phototube.
UH50-----	N16-T-60503----		UH50-----	VT62 (Br.) (has British Base) 3-50G2/UH50	Transmitting UHF triode amplifier (nearest equivalent is 834).
50-----	N16-T-60505----		50-----	3E050, 595, 596, 3971	Receiving triode amplifier.
50A2-----			165R8-----		See 165R8.
50A5-----	N16-T-60506----		50A5-----		Receiving lock in type tetrode amplifier
50AX6G-----			50AX6G-----		Full wave rectifier.
50B2-----			165R4-----		See 165R4.
50B5-----	N16-T-60507----		50B5-----	A4398-----	Miniature version of 50L6GT.
50C5-----	N16-T-60507-20-		50C5-----		Receiving miniature beam power pentode.
50C6G-----			50C6G-----		Receiving triode amplifier-Equivalent to 50L6GT (Type 6Y6G characteristics).
50L6G-----	N16-T-60510----		50L6G-----		Receiving pentode amplifier.
50L6GT-----	N16-T-60512----	H	50L6GT-----		Receiving pentode amplifier (Type 25L6GT characteristics).
50T-----			50T-----		Transmitting triode amplifier.
50X6-----			50X6-----		Receiving lock-in type rectifier.
50XST-----			185R8-----		See 185R8.
50Y6G-----			50Y6G-----		See 50Y6GT/G; replace with 50Y6GT/G.
50Y6GT-----		E	50Y6GT/G-----		See 50Y6GT/G.
50Y6GT/G-----	N16-T-60515----		50Y6GT/G-----		Receiving duodiode rectifier doubler (similar to 50Z6G, 25Z6GT/G).
50Y7GT-----			50Y7GT-----		Receiving, full wave rectifier.
50Z6G-----			50Z6G-----		Receiving duodiode rectifier doubler (similar to 50Y6GT/G).
50Z7G-----	N16-T-60518----		50Z7G-----		Receiving duodiode rectifier doubler (obsolete, similar to 50Y6GT/G).
CV51-----			CV51-----	E1320-----	Electron ray tuning indicator (British).
HD51-----	N16-T-60518-25-		OA2-----		See OA2.
HY51A-----	N16-T-60518-45-		HY51A-----	NU51A-----	Transmitting triode amplifier (Type HY51B characteristics).
HY51B-----			HY51B-----		Transmitting triode amplifier (Type HY51A characteristics).
HY51Z-----			HY51Z-----	NU51Z-----	Transmitting triode amplifier (hi nu version of HY51A).
KP51-----			KP51-----		Receiving high voltage rectifier-subminiature.
NU51A-----			HY51A-----		See HY51A.
NU51Z-----			HY51Z-----		See HY51Z.
QK51-----			QK51-----		Transmitting UHF oscillator-magnetron.
REL51-----			REL51-----		RF measuring lamp (Canadian).
RK51-----			RK51-----	NU51A-----	Transmitting triode amplifier (discontinued; see 4C22/HF100).
SR51-----					Vacuum phototube.
UH51-----			UH51-----	3-50Y2/UH51	Transmitting triode amplifier.
51-----			51-----	35/51, 551-----	Obsolete nearest equivalent is 35.
51A3-----			927-----	1P32, 0225C-----	Gas phototube; see 927.
51AV-----			51AV-----		Phototube.
51S-----			353/51S-----	353-----	Receiving amplifier; see 353/51S.
51SA-----	N16-T-60519-35-		51SA-----		Phototube.
CE52-----					Phototube.
HD52-----			OB2-----		See OB2.
REL52-----			878A-----	3013A-----	Diode vacuum rectifier (Canadian).
RK52-----	N16-T-60520----		RK52-----	NU51Z-----	Transmitting triode amplifier oscillator (discontinued).
U52-----			VU71(Br.)-----		See VU71(Br.).
VT52 (Br.)-----			VT52 (Br.)-----	EL32, 10E/11309, 1637	Transmitting pentode (British); see 38142.

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52-----	N16-T-60522----		52-----	-----	Receiving dual grid triode amplifier (similar to 6A4/LA).
52A3-----			IP35-----	IP35/52A3-----	See IP35.
52N-----			52N-----	-----	Beta-Gamma counter tube.
CE53-----			-----	-----	Phototube.
REL53-----			REL53-----	NRC0014-----	Transmitting UHF oscillator (Canadian).
RK53-----			53-----	-----	See 53.
SR53-----	N16-T-60525----		-----	-----	Vacuum phototube.
VR53 (Br.)-----			VR53 (Br.)-----	ARP34, FF37, 10E/11377-	Screened pentode (British).
VX53-----			VX53-----	-----	Receiving subminiature pentode.
53-----	N16-T-60530----	H	53-----	38053-----	Receiving twin triode amplifier (Type 6A6, 6N7 characteristics).
53A-----	N16-T-60531----	F	53A-----	3-50J4/53A-----	UHF triode oscillator.
53AB-----			-----	-----	Phototube.
53ABB-----			-----	-----	Phototube.
53A7B-----			-----	-----	Gas phototube (obsolete).
53AX-----			927-----	-----	See 5C23.
53B-----			5C23-----	-----	Transmitting special purpose.
53D-----			53B-----	-----	Phototube.
CE54-----			-----	-----	Phototube.
FP54-----	N16-T-60540----		FP54-----	-----	Tetrode vacuum control tube.
HK54-----	N16-T-60541----		HK54-----	CV49, 4C25-----	Transmitting triode amplifier (nearest equivalent is 351G).
HY54-----			-----	-----	-----
M54-----	N16-T-60544----		M54-----	-----	Receiving tetrode power amplifier.
REL54-----			-----	-----	NRC 002 M.
VG54-----			-----	-----	-----
VR54 (Br.)-----			VR54 (Br.)-----	ARDD5, EB34, 10E/11400, 1638	Double diode (British).
54-9-T-----			-----	2507-----	Cathode ray (Dumont).
54-11-T-----			5LP1, 2, 4 & 5-----	2511-----	Cathode ray (Dumont).
54B-----			4C26-----	-----	See 4C26.
54H-----			-----	-----	-----
CE55-----			-----	-----	Phototube.
CV55-----	N16-T-60553----		CV55-----	E1190-----	Transmitting UHF triode oscillator (British).
D-55-H-----	N16-T-60553-50-		D-55-H-----	-----	Ballast tube.
EC55-----			EC55-----	-----	UHF triode.
K-55-B-----	N16-T-60554----		K-55-B-----	-----	Ballast tube.
K55C-----			185R4-----	-----	See 185R4.
K-55-H-----	N16-T-60554-10-		K-55-H-----	-----	Ballast tube.
L-55-B-----	N16-T-60555----		L-55-B-----	-----	Ballast tube.
REL55-----			CV108-----	-----	See CV108.
T55-----	N16-T-60557----		T55-----	-----	Transmitting triode amplifier (similar to V700).
TZ55-----			TZ55-----	-----	Taylor (discontinued).
VR55(Br.)-----			VR55(Br.)-----	NR49, AR21, EDC33, 1639, 10E/11401	Double diode triode (British).
55-----	N16-T-60559----		55-----	-----	Receiving duodiode triode-obsolete (Type 85 characteristics).
55A1-----			55A1-----	-----	Ballast tube.
55A2-----			55A2-----	-----	Ballast tube.
55B2-----			55B2-----	-----	Ballast tube.
55S-----			55S-----	-----	Receiving duodiode triode.
CE56-----			-----	-----	Phototube.
CV56-----			CV56-----	E1326, 3DHP-----	Transmitting UHF oscillator (British).
REL56-----			CV114-----	1365-----	See CV114.
RK56-----			RX56-----	HY60-----	Transmitting tetrode amplifier (discontinued).
VR56 (Br.)-----			VR56 (Br.)-----	NR49, EF36, 10E/11402	HF pentode (British).
56-----	N16-T-60560----	J	56-----	38056-----	Receiving triode detector amplifier (similar to 76, 27).
56A-----			56A-----	-----	Type 76, except for filament current.
56AS-----			56AS-----	-----	Type 56A with spray shield.
CE57-----			-----	-----	Phototube.
FG57-----	N16-T-60570----		FG57-----	1257, W1631, 5559, 5557/FG-57, WL5559/57	Grid controlled gas rectifier.
HD57-----	N16-T-60571----		5516-----	-----	See 5516.
HK57-----	N16-T-60572----		HK57-----	-----	Receiving HF beam pentode.
HY57-----			HY57-----	-----	Transmitting triode amplifier.
REL57-----			CV117-----	E1415-----	See CV117.
RK57-----			805-----	631A, UE905-----	See 805.
VR57 (Br.)-----			6DB-----	-----	See 6DB.
57-----	N16-T-60575----		57-----	38057-----	Receiving triple grid pentode amplifier (similar to 58).

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57A-----			57A-----		Receiving triple grid pentode amplifier. Nearest equivalent is 77-similar to 6C6 except for filament current.
57AS-----			57AS-----		Receiving triple grid pentode amplifier. See 57.
57S-----			57-----		Phototube, gas filled, red sensitive.
CE58-----	N16-T-60576----		CE58-----		Gas filled phototube, red sensitive.
CE-58R-----	N16-T-60577----		CE-58R-----	REL17, EL273----	UHF diode detector (British).
CV58-----	N16-T-60573----		CV58-----		Germanium crystal diode (hermetically sealed glass version of IN58).
IN58A-----			IN58A-----		See 8019.
NT58-----			8019-----		See 838.
RK58-----			838-----	HF130, UE939----	Phototube.
SR58-----			58-----	38058-----	Receiving pentode amplifier (similar to 57).
58-----	N16-T-60530----	J	58-----	CE4-----	Gas phototube; see IP36.
58A-----	N16-T-60533----		58A-----		Receiving r-f amplifier.
58A-----			IP36-----		Replace with IP36.
58A3-----	N16-T-60536----		58A3-----		Phototube.
58AL-----			58AS-----		Type 58A with spray shield.
58AS-----			58AS-----		Phototube.
58AV-----			58-----		Gas phototube.
58AVB-----			58-----		Phototube.
58AVVB-----			58-----		Phototube.
58D-----			58-----		Receiving pentode amplifier; see 59.
58S-----			58-----		Phototube.
CE59-----			2E30-----		Miniature filament type beam tetrode.
HD59-----	N16-T-60538----		QK-59-----		Magnetron.
QK-59-----	N16-T-60539----		QK59-62-----		Magnetrons-Replace with 4J62-63 (QK71-72).
QK59-62-----		D	QK59-62-----		Transmitting twin triode amplifier oscillator-ceramic base.
RK59-----	N16-T-60530----		RK59-----		See 955.
VR59 (Br.)-----			955-----	HA2 (Br.), 10E/11452----	Receiving pentode amplifier.
59-----	N16-T-60535----		59-----	38059-----	Phototube.
59A-----	N16-T-60539----		59A-----		Gas phototube.
59A4-----			868-----	PJ23-----	Phototube.
59AP-----			-----		Phototube.
59AR-----			-----		Phototube.
59AV-----			-----		Vacuum phototube-See PJ22.
59AV3-----			-----	PJ22-----	See PJ22.
59B-----			59B-----		Receiving power amplifier pentode.
59D-----			928-----		See 928.
59DV1/2-----			-----	CE61A/B, GL441----	Vacuum phototube.
59TAV3-----			-----	917-----	Vacuum phototube.
CE60-----			-----	917-----	Phototube.
EL60B-----			EL60B-----		Diode gas rectifier.
F60-----			4B26-----		Used industrial-Allen rectifier; see 4B26.
HF60-----			HF60-----	NU60-----	Transmitting triode amplifier oscillator
HY60-----			HY60-----	RK35-----	Transmitting tetrode amplifier.
L-60-B-----	N16-T-60600----		L-60-B-----		Ballast tube.
QK60-----	N16-T-60601----		QK60-----		Magnetron.
NU60-----			NU60-----		Transmitting triode amplifier oscillator
RK60-----	N16-T-60602----	E	1641-----	GL1641-----	Duodiode vacuum rectifier.
SK60-----			-----		Gas phototube.
T60-----			T60-----		Taylor therapy type.
VT60 (Br.)-----			8018-----	10E/11441----	See 8018.
VT60A (Br.)-----			807-----	ATS25, 10E/587----	See 807.
60A3-----			920-----		See 920.
CE61A/B-----			GL441-----		See GL441.
HY61-----			807-----	RK37-----	See 807.
HY61/807-----			807-----		See 807.
K-61-A-----	N16-T-60607----		K-61-A-----		Ballast tube.
K-61-B-----	N16-T-60610----		K-61-B-----		Ballast tube.
QK61-----	N16-T-60615----		QK61-----		Magnetron.
RK61-----	N16-T-60616----		RK61-----	QF6-----	Thyratron, subminiature.
SK61-----			-----		Phototube.
VT61A (Br.)-----	N16-T-60613----		VT61A (Br.)-----	10E/142----	Double triode (British).
61A3-----			930-----		See 930.
61DV3-----			929-----		See 929.
FP62-----			FP62-----		Triode pressure indicating tube.
QK62-----	N16-T-60619----		QK62-----		Magnetron.
RK62-----	N16-T-60620----		RK62-----		Receiving gas triode relay tube.
SK62-----			-----		Phototube.
VT62-----			801A-----	33101A----	See 801A.
VT62 (Br.)-----			8019-----	NT59, 10E/11443----	Identical to UH50 except for base.
DH63-----			6Q7G-----		See 6Q7G.

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HY63-----			HY63-----		Transmitting tetrode amplifier.
KT63 (Br.)----			6F63-----	NR35, ARPI7-----	See 6F6G.
L63(Br.)-----			6J5G-----		See 6J5G.
RK63-----			250TH-----	RK63A, HK354E-----	See 250TH.
RK63A-----			250TH-----		See 250TH.
SK63-----					Gas phototube.
CV64-----			CV64-----	E1342-----	Transmitting UHF oscillator (British).
HY64-----					
M64-----			M64-----		Receiving tetrode voltage amplifier.
RK64-----			RK64-----		Transmitting pentode amplifier.
64AV3-----				925-----	Vacuum phototube.
CR65-----			CR65-----		Grid controlled gas rectifier.
CV65-----			CV65-----	Pen. 25-----	Receiving pentode (British).
HY65-----			65-----		See 65.
RK65-----			5D23-----		Transmitting tetrode amplifier; see 5D23
RK65/5D23-----	N16-T-60645----		5D23-----	RK65-----	Transmitting tetrode amplifier.
65-----	N16-T-60650----		65-----	HY65-----	Transmitting tetrode amplifier oscilla- tor-multiplier (obsolete; similar to 2E25).
CV66-----	N16-T-60660----		CV66-----	RN37, RL37-----	UHF amplifier (British).
RK66-----			RK66-----	NJ59, HY69-----	Transmitting tetrode amplifier.
RT66-----			REL8A-----	?	See REL8A.
CV67-----			CV67-----		Velocity variation UHF oscillator (Brit- ish).
FG67-----	N16-T-60670----		FG67-----	1267-----	Grid controlled gas rectifier.
HY67-----			HY67-----		Transmitting tetrode amplifier oscilla- tor multiplier.
K67BJ-----	N16-T-60673----		K67BJ-----		Ballast tube.
L-67-D2-----	N16-T-60676----		L-67-D2-----		Ballast tube.
VR67 (Br.)----			6J5G-----	L63(Br.), 10E/11448--	See 6J5G.
VT67-----	N16-T-60679----		VT67-----	3D Spec-----	Receiving and transmitting triode am- plifier.
British NR69---			6Q7G-----		See 6Q7G.
CE69-----			CE69-----		Gas phototube.
SK68-----					Phototube.
VS68-----			VS68-----	AW4, 10E/11449----	Gas filled voltage regulator (British).
HD69-----			5514-----		See 5514.
HY69-----	N16-T-60670----		HY69-----	BU69, HY1269-----	Transmitting tetrode amplifier oscilla- tor multiplier. (See HY1269).
NU59-----			RK66-----		See RK66.
QK69-73-----			4J60-65-----		Part of QK70-78 series.
RK-69-----	N16-T-60691----		RK-69-----		Receiving.
69-----			69-----		Receiving dual grid detector.
CK70-----			RK20A-----		See RK20A.
DT-70-----			2E22-----		See 2E22.
QK70-73-----					CW magnetron series, supersedes QK59-62
TR70-----			2E22-----		See 2E22.
TS70-----			2E22-----		See 2E22.
V70-----			V70-----		Transmitting triode amplifier.
V70A-----			V70A-----		Transmitting triode amplifier.
V70B-----			V70B-----		Transmitting triode amplifier (Types V70 ratings).
V70C-----			V70C-----		Transmitting triode amplifier (Type V70A ratings).
V70D-----			V70D-----		Transmitting triode amplifier.
70-----	N16-T-60698----		70-----		Receiving dual grid detector (obsolete).
70A7GT-----	N16-T-60700----		70A7GT-----		Receiving diode rectifier pentode ampli- fier.
70L7GT-----	N16-T-60702----	F	70L7GT-----		Receiving diode rectifier pentode ampli- fier.
CV71-----			CV71-----	OSGLIN-----	Voltage regulator (British).
VU71 (Br.)----			VU71 (Br.)----	U52, 10E/11529-----	Types 5U4G as made by Canadian Westing- house.
71-----			71-----	271-----	Superseded by 71A.
71A-----	N16-T-60710----	B	71A-----	171A, 271A, 38071, 4171	Receiving triode amplifier (similar to 12A).
71A3-----			1P30-----	CE2C-----	Gas phototube, see 1P30.
71AV-----					Vacuum phototube.
71B-----			71A-----		See 71A.
71D-----					Vacuum phototube.
71TA-----					Phototube.
CE72-----			72-----		See 72.
RK72-----			72-----		See 72.
RKR72-----			72-----		See 72.
72-----	N16-T-60720----	B	72-----	RK232, CE220, RKR72, CE72, 72R, RK72	High voltage diode vacuum rectifier (obsolete; replace with 3B24).
72R-----			72-----	RK72-----	See 72.

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CE-737B-Q	N16-T-60728----		CE-737B-Q	-----	Phototube.
CE-737B-S4	N16-T-60729----		CE-737B-S4	-----	Phototube.
RK73	-----		73	-----	See 73.
RKR73	-----		73	73R, RK73	See 73.
73	N16-T-60730----	E	73	RK73, RKR73, 73R	Diode rectifier.
73A	N16-T-60731----		73A	-----	Type 73 with unipotential cathode.
73A	-----		-----	-----	Phototube.
73D	-----		-----	-----	Phototube.
73R	-----		73	RKR73	See 73.
CV74	-----		CV74	XP, POW1178	High voltage rectifier (British).
M74	N16-T-60740----		M74	-----	Receiving tetrode voltage amplifier.
NR74	-----		NR74	W1301	See VT127 (Br.), same except for basing.
QK74A	-----		QK74A	-----	Transmitting UHF oscillator-magnetron (superseded by QK155).
CV75	-----		CV75	4313C, WE313C	Cold cathode relay tube (British).
GL75-30	-----		OA3/VR75	-----	See OA3/VR75.
HF75	-----		HF75	-----	Transmitting triode amplifier oscillator
HY75	N16-T-60750----	E	HY75	NU75H	Transmitting UHF triode amplifier oscillator.
NU75H	-----		NU75H	-----	Transmitting triode amplifier oscillator
QK75	-----		QK75	-----	Transmitting UHF oscillator-magnetron.
RK75	-----		307A	-----	Transmitting pentode amplifier, see 307A
TV75	-----		TV75	-----	Transmitting triode amplifier.
VR75-30	-----		OA3	33275, GL75-30	See OA3.
75	N16-T-60755----	B	75	38075	Receiving duodiode triode.
75A	-----		-----	-----	Phototube.
75AV	-----		-----	-----	Phototube.
75D	-----		75TH	3-75A3/75TH	Phototube.
75RH	-----		75S	-----	Transmitting triode (high mu).
75S	-----		75TL	-----	Receiving duodiode triode
75T	N16-T-60758----	D	75TH, 75RH, 3-75A3/75TH	-----	Transmitting triode (superseded by 75TL)
75Td	N16-T-60759-50-		75TL	75T, 3-75A2/75TL	Transmitting triode.
75TL	N16-T-60759----		CE76	-----	Transmitting triode (low mu).
CE76	-----		TZ40	10E/11534	Phototube (CE36 with S4 surface).
VT76 (Br.)	-----		76	38076	See TZ40.
76	N16-T-60760----	L	76	-----	Receiving triode detector amplifier (similar to 56, 37, 6P5Q).
76X13	N16-T-60765----		76X13	-----	Diode gas rectifier.
QK77	-----		77	38077	CW Magnetron.
77	N16-T-60770----	L	77	-----	Receiving triple grid pentode amplifier (nearest equivalent is 6C6).
British NR78A	-----		6J5G	-----	See 6J5G.
C78	N16-T-60778----		C78	-----	Receiving.
QK78	-----		VR78 (Br.)	QF196, D1, ARD2, 10E/11540, 2B36	Part of QK-69-73series.
VR78 (Br.)	N16-T-60779----		78	38078	Receiving nidget UHF mono diode detector
78	N16-T-60780----	L	78	-----	Receiving pentode amplifier (nearest equivalent is 6D6).
79	N16-T-60790----		79	-----	Receiving twin triode amplifier (type 6Y7G characteristics).
79A	-----		CE3A/B	-----	See CE3A/B.
79A4	-----		LP31	CE3D, WE3A, G10	Gas phototube; see LP31.
79D	-----		DC30	-----	Phototube.
DC30	-----		EC30	-----	Miniature triode.
EC30	-----		L80D	-----	Miniature grounded grid triode.
L80D	N16-T-60792----		PG30	-----	Ballast tube.
PG30	N16-T-60794----		80	38180, 3841, UX290	Phototube, smoke indicator.
80	N16-T-60800----	L	80	-----	Receiving duodiode rectifier (similar to 5Y3G, 5Z3).
80A1	-----		80A1	-----	Ballast tube.
80A2	-----		80A2	-----	Ballast tube.
80B2	N16-T-60803----		80B2	-----	Ballast tube.
80W	-----		80W	-----	Receiving duodiode rectifier.
British NR81	-----		6X7G	-----	See 6X7G.
CE81	-----		CE81	-----	Phototube, gas filled.
EC81	-----		EC81	-----	Miniature oscillator triode.
EG81A	N16-T-60805----		EG81A	-----	Grid controlled gas rectifier.
FC81A	N16-T-60810----	F	81	2035A, 33131, 81/81A	Receiving diode rectifier.
81	-----		81	-----	See 81.
81/81A	-----		81W	-----	Receiving diode rectifier.
81W	-----		CV32	REL49	Receiving triode HF oscillator (British)
CV32	N16-T-60819----		R82A	-----	Phototube.
R82A	-----		82	38192	Receiving duodiode gas rectifier.
82	N16-T-60820----		919	-----	See 919.
82AV4	-----		CE83	-----	Phototube (CE3 with blue sensitivity).
CE83	-----		83	38193	Receiving duodiode gas rectifier.
83	N16-T-60830----	L	83	-----	-----

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83V-----	N16-T-60935----	H	83V-----		Receiving duodiode rectifier (nearest equivalent is 5U4G).
G84-----			2Z2/G84-----		See 2Z2/G84.
84-----	N16-T-60940----	H	84/624-----		See 84/624.
84/624-----	N16-T-60945----	F	84/624-----	624, 99, 3B184-----	Receiving duodiode rectifier.
84A3-----			923-----		See 923.
CV85-----			CV85-----	1923F, REL39A-----	Spark gap modulator (British).
FP85-----			FP85-----		Triode vacuum control tube (inactive).
FP85A-----			FP85A-----		Diode vacuum rectifier (inactive).
NR85-----			6F6G-----		See 6F6G.
QR85-----					2K28 with built-in cavity.
R85A-----	N16-T-60948----		CE23A/B-----		Phototube.
R85AV-----	N16-T-60949----		CE23A/B-----		Phototube.
85-----	N16-T-60950----		85-----	3B085-----	Receiving duodiode triode (Type 6V7G characteristics).
85A4-----			928-----		See 928.
85A5-----			85A5-----		Receiving duodiode triode.
853-----			85-----		See 85.
86A1-----			86A1-----		Ballast tube.
86A2-----			86A2-----		Ballast tube.
86B2-----			86B2-----		Ballast tube.
CV87-----			CV87-----	KRN2-----	Velocity modulation tube (British).
CV88-----			CV88-----	REL49-----	Transmitting HF triode (British).
VI88 (Br.)-----			832-----	10E/9-----	See 832.
88-----			88-----		Receiving duodiode rectifier.
89-----	N16-T-60993----	F	89-----	3B039-----	Receiving pentode amplifier (replace with 89Y).
89R3-----			6G7-----		Rogers (Canadian). See 6G7.
89Y-----	N16-T-60995----	F	89Y-----		Type 89 with nicanol base.
CV90-----	N16-T-60898----		CV90-----	EL368, REL42-----	Triode Oscillator (British).
GL90-30-----			OB3-----		See OB3.
W90B-----	N16-T-60900----		W90B-----		Ballast tube.
VR90-30-----			OB3-----	3B290, GL90-30-----	See OB3.
VT90 (Br.)-----			VT90 (Br.)/8011	8011, REL1, WL538, WL710A, 10E/97	Transmitting UHF triode oscillator amplifier (British).
VT90 (Br.) 8011--	N16-T-60903----		VT90 (Br.) 8011--	VT90 (Br.), 8011, REL1, WL538, WL710A, 10E/97	Transmitting UHF triode oscillator amplifier (British).
90-----			90-----		Receiving dual grid detector.
VR91 (Br.)-----	N16-T-60910----		VR91 (Br.)-----	EF50 (MUL), APR35, 10E/92	Pentode amplifier (British).
VR91A (Br.)-----	N16-T-60908----		VR91A (Br.)-----	EF50 (US), 10E/287----	Sub standard VR91 (British).
91-----	N16-T-60915----		91-----	1904-----	Grid controlled gas rectifier.
CV92-----	N16-T-60920----		CV92-----	NT99, REL7, 8026, 4C27, CV92/4C27	Transmitting triode (British).
CV92/4C27-----			CV92-----	REL 7, 8026-----	See CV92.
FP92-----			FP92-----		Diode vacuum rectifier (inactive).
VR92 (Br.)-----	N16-T-60921----		VR92 (Br.)-----	QF195, EA50, 10E/105, 2B35	Receiving midjet UHF diode rectifier (British).
92-----			92-----		Receiving dual grid detector.
92A1-----			92A1-----		Ballast tube.
92A2-----			92A2-----		Ballast tube.
92B2-----			92B2-----		Ballast tube.
FG94-----			FG94-----		Selected CEL for Bell and Howell.
VI94 (Br.)-----			VI94 (Br.)-----	10E/103-----	Transmitting triode amplifier (British).
94-S-H-----				2512-----	Cathode ray (Dumont).
A95-----					Phototube.
CV95-----			CV95-----	REL50-----	RF measuring lamp (British).
FG95-----	N16-T-60950----		FG95-----	1295, WL632, 5560, 5560/ FG-95	Grid controlled gas rectifier.
QK95-----	N16-T-60955----		3B29-----		Improved 3B26, See 3B29.
VR95 (Br.)-----			954-----	10E/95, ZA2-----	See 954.
95-----			95-----		See 2A5; replace with 2A5.
96-----			96-----		Receiving diode rectifier.
CE97-----			CE97-----		Phototube (CE26 with blue sensitivity).
FG97-----	N16-T-60963----		FG97-----		Grid controlled gas rectifier.
VCR97-----	N16-T-60965----		VCR97-----		Cathode ray tube (British).
FG98A-----	N16-T-60980----		FG98A-----		Grid controlled gas rectifier.
KR98-----			KR98-----		Receiving duodiode rectifier.
NT98-----			NT98-----	EL189, UK310P, 3150, W2510	Transmitting UHF oscillator (British).
QK98-----			4B31-----		See 4B31.
RTS-98-----			1R6-----		See 1R6.
VI98 (Br.)-----	N16-T-60995----	H	VI98 (Br.)-----	REL5, 98R, WL533, 10E/244	Transmitting UHF triode (British).
98-----			84-----		See 84.
98R-----	N16-T-60989----	J	98R-----		Improved version of VI98 (Br.).

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NT99-----			CV92-----	REL7, 8026, 4C27, CV92/4C27	See CV92.
V99-----			V99-----	UV197, UV299-----	
X99-----			X99-----	UX199, UX299-----	Receiving triode (thoriated tungsten filament)-Detector amplifier (obsolete)
99-----			99-----	CV297-----	Receiving triode (coated filament)-Detector amplifier (obsolete).
99X44-----	N16-T-60993----		99X44-----		Receiving triode amplifier (obsolete).
99X45-----			99X45-----		Diode gas rectifier.
99X46-----			99X46-----		Diode gas rectifier.
C100A-----			C100A-----	100A-----	Diode gas rectifier (obsolete).
C100D-----	N16-T-61000----	F	C100D-----	100D-----	Small transmitting triode.
C100E-----			C100E-----	100E-----	Obsolete, convert equipment to 2A5.
CV100-----			CV100-----	1924, REL39B-----	Transmitting triode amplifier.
EE100TH-----			100TH-----		Spark gap modulator (British).
HF100-----			4C22/HF100-----	4C22-----	See 100TH.
WL100-----			KC4-----	WL616-----	See 4C22/HF100.
RK100-----			RK100-----		See KC4.
RW100-----			214-----		Transmitting triode gaseous amplifier.
TF100-----			4C22/HF100-----	HF100-----	See 214.
100A-----			C100A-----		See 4C22/HF100.
100C-----	N16-T-61003----		BS-6-----	1B75, 62011, BS-6----	See C100A.
100D-----			C100D-----		Beta-Gamma counter tube.
100E-----			C100E-----		See C100D.
100N-----			1B76-----	62012, 1B76-----	See C100E.
100R-----	N16-T-61005----		8020-----	GL451, WL578-----	Beta-Gamma counter tube.
100TH-----	N16-T-61006----	F	100TH-----	EE100TH, 3-100A4/100GH	Transmitting diode vacuum rectifier.
100TL-----	N16-T-61007----		100TL-----	RK36, 3-100A2/100TL--	Transmitting triode modulator amplifier (similar to 4C22/HF100, RK39 and HK254)
100TS-----			VT127A-----	WL534-----	Transmitting triode amplifier.
Boonton 101A----			Boonton 101A----		See VT127A.
BS101-----	N16-T-61008----		BS101-----	QX38C, CK1017-----	Selected type 2A6 for Boonton Q meter-replace with 2A6.
C101-----			4C22/HF100-----		Corona discharge voltage regulator.
F101B-----			101B-----		Collins; see 4C22/HF100.
ML101-----			GL605-----		Transmitting triode amplifier oscillator
WE101D-----			101D-----		See GL605.
WE101F-----			101F-----		See 101D.
WE101FA-----			101FA-----		See 101F.
WE101J-----			101J-----		See 101FA.
101B-----			101B-----	F101B-----	See 101J.
101D-----	N16-T-61010----	F	101D-----	WE101D, D96326-----	Transmitting triode amplifier oscillator
101F-----	N16-T-61012----		101F-----	WE101F-----	Receiving triode modulator oscillator amplifier.
101FA-----			101FA-----	WE101FA-----	Receiving triode amplifier.
101J-----			101J-----	WE101J-----	Receiving triode amplifier (101F with higher mu).
101H-----			101H-----		Receiving triode amplifier (101F with special shielding).
Boonton 102A----			Boonton 102A----		Similar to 101D.
WE102D-----			102D-----		Selected type 45 for Boonton Q meter; replace with 45.
WE102F-----			102F-----		See 102D.
X102B-----			6C4-----		See 102F.
X102G-----			2C29-----		See 6C4.
X102L-----			2C31-----		See 2C29.
102D-----	N16-T-61020----		102D-----	WE102D-----	See 2C31.
102F-----			102F-----	WE102F, D91144-----	Receiving triode amplifier.
102G-----			102G-----		Receiving triode amplifier (102D with low filament current).
X103-----			4D21-----		Replaced by 102D.
FG104-----	N16-T-61040----		FG104-----	GL5561/FG104, WL-5561/104	Transmitting UHF tetrode oscillator amplifier.
VT104 (Br.)----			VT104 (Br.)----	PT15, 10E/215-----	Diode gas rectifier.
WE104D-----			104D-----		Transmitting pentode amplifier (British)
104D-----	N16-T-61044----		104D-----	WE104D, D86327-----	See 104D.
FG105-----	N16-T-61050----	J	FG105-----	1605, 105-----	Receiving triode amplifier (telephone repeater).
GL105-30-----			OC3-----		Grid controlled gas rectifier.
VR105-30-----			OC3-----	33205-----	See OC3.
105-----			FG105-----		See OC3.
106C-----			106C-----		See FG105.
CK108-----			CK108-----		Beta-Gamma counter tube.
CV108-----			CV108-----	REL55-----	Receiving low noise triple grid detector amplifier; replace with 77.
					Transmitting UHF oscillator (British) similar to 2J21A.

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108C----- F110X-----			108C----- F110X-----		Beta-Gamma counter tube. Transmitting triode amplifier oscillator (supersedes F110A).
R110----- 110X----- QK111-----	N16-T-61055----- N16-T-61108-----		R110----- 100X----- QK111-----		Taylor therapy type. Receiving triode amplifier. Velocity variation UHF oscillator- (replace with QK202).
VU111----- X111AD----- X111B----- 111H----- UX112A----- 112A-----	N16-T-61110-----		VU111----- 8C23----- 8C22----- 111H----- 12A/112A----- 12A/112A-----	AU5, 10E/146----- See 8C23. See 8C22. Therapy type triode oscillator amplifier See 12A/112A.	
CK113-----			CK113-----	3302, 12A, 38102, UX112A	Receiving triode detector amplifier (obsolete).
HY113/HY123----			HY113/HY123----	HY113, HY123-----	Receiving diode rectifier, pentode amplifier.
CV114-----			CV114-----	REL56, E1365-----	Receiving miniature type triode amplifier oscillator.
HY114----- HY114B----- NU114B----- VT114 (Br.)----			2C24----- 114B----- 114B----- VT114 (Br.)----	NU114B----- HY114B----- WL537, 10E/168, E1024, CV1114	Diode gas switching tube (anti-TR) (British). See 2C24. See 114B. See 114B.
WE114A----- 114A----- 114B-----	N16-T-61140----	F	WE114A----- 114B----- 114B-----	114A, HY114B, NU114B-	Transmitting tetrode amplifier (British)
HY115/HY145----			HY115/HY145----		Ballast tube. See 114B.
A116----- F116A----- CV117-----			2J42----- F116A----- CV117-----	REL57, E1415-----	Transmitting and receiving UHF triode amplifier oscillator. Receiving unbiased miniature type pentode amplifier.
VR117 (Br.)----	N16-T-61154----		VR117 (Br.)----	10E/176-----	See 2J42. Transmitting triode amplifier oscillator Diode gas switching tube (anti-TR) (British).
WE117A----- X117----- 117A----- 117C6GT/G----- 117L7GT-----	N16-T-61160----- N16-T-61170-----		117A----- 5D22----- 117A----- 117C6GT/G----- 117L7/W7GT-----	WE117A-----	Receiving triode amplifier (British). See 117A. See 5D22. Ballast tube. Does not exist.
117L7/W7GT----- 117M7GT----- 117N7GT-----	N16-T-61172----- N16-T-61173-----	F	117L7/W7GT----- 117L7/W7GT----- 117N7GT-----	117L7/W7GT, 117M7GT----	Receiving diode rectifier pentode amplifier.
117P7GT-----	N16-T-61176----		117P7GT-----		Receiving diode rectifier pentode. See 117L7/W7GT.
117Z3----- 117Z4GT----- 117Z6G----- 117Z6GT----- 117Z6GT/G----- F118B----- F119A-----	N16-T-61177----- N16-T-61178----- N16-T-61179-----	F	117Z3----- 117Z4GT----- 117Z6GT/G----- 117Z6GT/G----- 117Z6GT/G----- F118B----- F119A-----		Receiving diode rectifier pentode amplifier-Similar to 117P7GT except for basing.
119A----- C120----- CEP120----- HF120-----	N16-T-61190----		119A----- 120----- 120----- HF120-----	HF140-----	Receiving diode rectifier pentode amplifier-Similar to 117N7GT except for basing.
117Z3----- 117Z4GT----- 117Z6G----- 117Z6GT----- 117Z6GT/G----- F118B----- F119A-----	N16-T-61177----- N16-T-61178----- N16-T-61179-----	F	117Z3----- 117Z4GT----- 117Z6GT/G----- 117Z6GT/G----- 117Z6GT/G----- F118B----- F119A-----		Miniature type diode rectifier. Receiving diode rectifier. See 117Z6GT/G. See 117Z6GT/G. Receiving diode rectifier doubler.
119A----- C120----- CEP120----- HF120-----	N16-T-61190----		119A----- 120----- 120----- HF120-----	HF140-----	Transmitting triode amplifier oscillator Obsolete-Superseded by F127A which is not interchangeable.
119A----- C120----- CEP120----- HF120-----	N16-T-61190----		119A----- 120----- 120----- HF120-----	HF140-----	Ballast tube. Collins; see 120. See 120.
RX120----- RX120A----- UX120----- ZB120----- 120-----	N16-T-61195----- N16-T-61196----- N16-T-61200----	F	RX120----- RX120A----- 20----- 120----- 120-----	3C21, ZB120, 39220, C120, CEP120, CEP220 UX120	Transmitting triode (similar to 311CT, 38111A).
120A----- 120C----- 120N----- A121----- CV121----- F121A----- WE121A-----	N16-T-61200-10- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30-		120A----- 1B77----- 120N----- 2J41----- CV121----- F121A----- 121A-----	62013, 1B77----- V1920-----	Special purpose diode gas rectifier. Gas rectifier. Superseded by 20 (both obsolete). See 120.
120A----- 120C----- 120N----- A121----- CV121----- F121A----- WE121A-----	N16-T-61200-10- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30-		120A----- 1B77----- 120N----- 2J41----- CV121----- F121A----- 121A-----	62013, 1B77----- V1920-----	Transmitting triode.
120A----- 120C----- 120N----- A121----- CV121----- F121A----- WE121A-----	N16-T-61200-10- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30- N16-T-61200-30-		120A----- 1B77----- 120N----- 2J41----- CV121----- F121A----- 121A-----	62013, 1B77----- V1920-----	Ballast tube. Beta-Gamma counter tube. Beta-Gamma counter tube. See 2J41. High voltage rectifier (British). Transmitting triode amplifier oscillator See 121A.



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121A-----	N16-T-61201----	F	121A-----	WE121A-----	Ballast tube.
121B-----	N16-T-61201-5---		121B-----		Ballast use for 121A.
F-122A-----	N16-T-61202----		F122A-----		Transmitting.
122A-----	N16-T-61220----		122A-----		Ballast tube.
F123A-----	N16-T-61223----		F123A-----		Transmitting triode amplifier oscillator (obsolete).
HY123-----			HY113/HY123----	HY113-----	See HY113/HY123.
123A-----	N16-T-61230----		123A-----		Ballast tube.
A124-----			2J64-----		See 2J64.
F124A-----	N16-T-61236----		F124A-----		Transmitting triode amplifier oscillator-Water cooled.
F124R-----			F124R-----		Transmitting triode amplifier oscillator
T124-----			T124-----		Taylor therapy HF triode.
VX124-----	N16-T-61240----		5800-----	VX41A-----	See 24A.
124-----			24A-----		Superseded by 24A; see 24A.
124A-----	N16-T-61243----		24A-----		Spark gap modulator (British).
CV125-----			CV125-----	2027, REL39C----	See 125A.
F125A-----			125A-----		Transmitting triode modulator.
F125R-----			F125R-----		Strobotron.
FT125-----	N16-T-61250----		FT125-----		Transmitting triode.
HF125-----			HF125-----	203H-----	Receiving unboxed miniature type pentode amplifier.
HY125/HY155----			HY125/HY155----		Transmitting triode amplifier (similar to FV20).
T125-----			T125-----		Triode (Water cooled).
125A-----	N16-T-61255----		125A-----		Transmitting triode amplifier oscillator-Water cooled (obsolete)-Similar to F343A.
F126A-----			F126A-----		See 6C23.
X126H-----			6C23-----		See 26.
126-----			26-----		Transmitting triode amplifier oscillator
F127A-----	N16-T-61265----		F127A-----		Transmitting triode UHF oscillator.
VT127A-----	N16-T-61267----		VT127A-----	100TS, WL534, 3-100D2/ VT127A	
VT127 (Br.)----			VT127 (Br.)----	NR74, 10E/231----	Receiving and transmitting tetrode amplifier (British).
127-----			27-----		See 27.
127A-----			VT127A-----		See VT127A.
F128A-----			F128A-----		Transmitting triode amplifier oscillator (obsolete).
VGT128-----			VGT128-----	NGT2/10E/15----	Gas filled triode (British).
128A-----	N16-T-61280----		2522N1-----		See 2522N1.
CV129-----			CV129-----	REL44, KRN2A----	Receiving UHF oscillator (British).
F129B-----	N16-T-61290----		129B-----		See 129B.
F129R-----			F129R-----		Forced air cooled version of F129B.
L129R-----			L129R-----		Forced air cooled version of F129B.
X129D-----			3C26-----		See 3C26.
129B-----	N16-T-61292----		129B-----		RF power amplifier (water cooled).
129R-----	N16-T-61296----		129R-----	F129R-----	Forced air cooled version of F129B.
HF130-----			HF130-----	211C-----	Transmitting triode amplifier oscillator
VXR130-----	N16-T-61300----		VXR130-----		Voltage regulator.
130-----			30-----		See 30.
CV131-----			CV131-----	VX131-----	Variable Mu r. f. pentode, 87G.
F131A-----			F131A-----		Transmitting triode amplifier oscillator (obsolete)-Water cooled.
F131R-----			F131R-----		Transmitting triode amplifier oscillator (obsolete).
VX131-----			CV131-----		See CV131.
CV132-----			CV132-----	VX132-----	Miniature type hexode mixer (British).
F132A-----			F132A-----		Transmitting triode audio amplifier.
PG132-----			CE203-----		See CE203.
VX132-----			CV132-----		See CV132.
CV133-----			CV133-----	VX133-----	Transmitting and receiving miniature type. HF triode (British).
VO133-----			VO133-----	V960, 10E/211----	Diode rectifier (British).
VX133-----			CV133-----		See CV133.
F134-----	N16-T-61340----		F134-----		Transmitting triode (water cooled).
QL134-----			2C48-----		See 2C48.
AL36W-----	N16-T-61360----		AL36W-----		Magnetron.
CV136-----			CV136-----	VX136-----	Receiving miniature type pentode amplifier (British).
VX136-----			CV136-----		See CV136.
CV137-----			CV137-----	VX137-----	Receiving miniature type diode triode (British).
VX137-----			CV137-----		See CV137.
VCR139A-----			1810P1-----	10E/466----	Cathode ray (British).
VCR139A(Br.)----			1810P1-----		See 1810P1.

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CV140-----			CV140-----	VX140-----	Miniature type duodiode rectifier (British).
HF140-----			HF140-----	211D-----	Transmitting triode (similar to 311T, HF120, and Commercial 211).
VCRI40-----			9GP7-----		See 9GP7.
VX140-----			CV140-----		See CV140.
140KB-----			140R4-----		See 140R4.
140R-----			140R-----		Ballast tube.
140R4-----			140R4-----	K42B, 42B2, 140KB---	Ballast tube.
140RB-----			140RB-----		Ballast tube.
QK143-----			QK143-----		Velocity variation UHF oscillator.
143D-----			2X2/879-----		See 2X2/879.
HY144-----			2C24-----		See 2C24.
HY145-----			HY115/HY145-----		See HY115/HY145.
HY145YT-----			HY145YT-----		Subminiature type.
HY145ZT-----			2E28-----		See 2E28.
GL146-----	N16-T-61460----		GL146-----	GL146 (FP)-----	Transmitting triode amplifier.
GL146(FP)-----			GL146-----		See GL146.
146-----			846-----		See 846.
1473M-----			5J26-----		See 5J26.
EP150-----			EP150-----	CE1VC, PJ22-----	Phototube (replace with PJ22).
GL150-30-----			OD3-----		See OD3.
HF150-----			HF150-----	211H-----	Transmitting triode amplifier oscillator (similar to 311CH).
W150T-----			W150T-----		Therapy type HF triode amplifier oscillator.
P150-----			P150-----		Amperex therapy (nearest equivalent 4C22/HF100).
T150-----			T150-----		Taylor triode.
TV150-----			TV150-----		Transmitting triode amplifier.
VC150-----			VC150-----		(British).
VR150-----			OD3-----		See OD3.
VR150-30-----			OD3/VR150-----	3B250, GL150-30, OD3-	See OD3/VR150.
150C-----	N16-T-61501----		1B78-----	62014, 1B78-----	Beta-Gamma counter tube.
150W-----	N16-T-61503----		1B79-----	62015, 1B79-----	Beta-Gamma counter tube.
150N-----	N16-T-61504----		BS-1-----	1B90, 150NA, 62016, BS-1	Beta-Gamma counter tube.
150NA-----			BS-1-----	62016, BS-1, 1390, 150N	Beta-Gamma counter tube.
150P-----			150P-----		Transmitting pentode amplifier.
150T-----			150T-----		Transmitting triode amplifier.
QK151-----	N16-T-61510----		QK151-----		Transmitting UHF oscillator-magnetron.
151N-----	N16-T-61519----		BS2-----	151NA, BS2-----	Gamma counter tube.
151NA-----			BS2-----	BS2, 151N-----	Gamma counter tube.
GL152-----			GL152-----	GL152 (FP), P0016B---	Transmitting triode amplifier.
GL152(FP)-----			GL152-----		See GL152.
152R-----			152R-----		Transmitting diode vacuum rectifier.
152RA-----			152RA-----		Transmitting diode vacuum rectifier.
152TH-----	N16-T-61522----		152TH-----	3-150A3/152TH-----	Transmitting triode amplifier (twin type 75TH).
152TL-----	N16-T-61528----		152TL-----	HK252L, 3-150A2/152TL	Transmitting triode amplifier (twin type 75TL).
DT153-----			1U4-----		See 1U4.
VT153-----	N16-T-61530----		VT153-----	1631, 12CB-K9, 12CBY, 12CB Special	12CB with shell directly connected to #1 pin.
FG154-----	N16-T-61540----	F	FG154-----	1254-----	Grid controlled gas rectifier.
HK154-----			HK154-----	154-----	Transmitting triode amplifier.
154-----			HK154-----		See HK154.
HY155-----			HY125/HY155-----		See HY125/HY155.
QK155-----			QK155-----		Transmitting UHF oscillator-magnetron.
T155-----			T155-----		Transmitting triode amplifier (obsolete).
FG157-----			FG157-----		Grid controlled gas rectifier (obsolete).
HK159-----			HK159-----		Transmitting triode amplifier.
VT158-----	N16-T-61580----		VT158-----	3092-----	Transmitting UHF triode.
GL159-----			GL159-----		Transmitting triode amplifier.
QMG159-----			1005-----	CK1005-----	See 1005.
VT160 (Br.)-----			VT160 (Br.)-----	6D6-----	Receiving pentode amplifier.
VT161 (Br.)-----			VT161 (Br.)-----	6C6-----	Receiving pentode amplifier.
FG162-----			FP162-----		Special GE (obsolete).
FP162-----			FP162-----	FG162-----	Special GE (obsolete).
VT162 (Br.)-----			VT162 (Br.)-----	6B7-----	Receiving duodiode pentode.
FP163-----			FP163-----		Timing tube (inactive).
VT163 (Br.)-----			VT163 (Br.)-----	42-----	Receiving pentode amplifier.
FP164-----	N16-T-61620----		FP164-----		Rectifier filament timing control.
HY165-----			HY165-----		Unbused hearing air pentode amplifier.
165XB-----			165R4-----		See 165R4.
165XC-----			165RB-----		See 165RB.
165R-----			165R-----		Ballast tube.
165RA-----	N16-T-61640----		165RA-----	K493, 47B2, 5032, 165XB	Ballast tube.

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165R8-----			165R8-----	K49C, 49A2, 165KC, 50A2	Ballast tube.
FG166-----	N16-T-61660----		FG166-----	2252, WL736-----	Grid controlled gas rectifier.
GL169-----			GL169-----		Transmitting triode amplifier.
UX171-----			71A-----		Superseded by 71A; see 71A.
UX171A-----			71A-----		Superseded by 71A; see 71A.
171-----			71A-----		See 71A.
171A-----			71A-----		See 71A.
FG172-----	N16-T-61720----		FG172-----	1672-----	Grid controlled gas rectifier.
QK-172-----	F16-T-61727----		QK-172-----		Magnetron.
HF175-----			HF175-----	D157591-----	Transmitting triode amplifier oscillator
177YQ-----			382A-----	D157591-----	See 382A.
CV178-----	N16-T-61778----		CV178-----	E1458-----	Transmitting UHF triode oscillator (British)-Similar to 3C27.
FG178-----	N16-T-61780----		FG178-----	0178-----	Grid controlled gas rectifier (obsolete)
FG178A-----	N16-T-61782----		FG178A-----		Grid controlled gas rectifier (super-sedes FG178 (0178)).
FG178GE-----			FG178-----		See FG178.
0178-----			FG178-----		See FG178.
POVT178-----			CV74-----		See CV74.
FG179-----	N16-T-61790----		FG179-----		Nearest equivalents FG235 and FG271.
180-----			80-----		See 80.
QK191-----	N16-T-61810----		QK181-----		Transmitting UHF oscillator-magnetron.
181-----			181-----		Receiving amplifier.
182A-----			182A-----		Receiving triode amplifier.
182B-----			182B/482B-----		See 182B/482B.
182B/482B-----			182B/482B-----	482B, 182B-----	Receiving triode amplifier (obsolete).
183-----			183-----		Receiving triode amplifier (obsolete).
183/483-----			483-----		See 483.
185R8-----			185R8-----		See 185R8.
185KC-----			185R8-----		See 185R8.
185R-----			185R-----		Ballast tube.
185R4-----			185R4-----	K55B, 55B2, VTU7, 185KB	Ballast tube.
185R8-----			185R8-----	K55C, 55A2, 195KC, 50XST	Ballast tube.
FG190-----	N16-T-61900----		FG190-----	1290-----	Duodiode gas rectifier.
QM190-----	N16-T-61902----		QM190-----		Receiving miniature.
FPI95-----			FPI95-----	WL195-----	Therapy type HF triode oscillator (obsolete; replace with 852).
QF195-----			VR92 (Br.)-----		See VR92 (Br.).
TS195/1S5-----	N16-T-61950----		TS195/1S5-----		Selected 1S5 for Bureau of Ordnance.
WL195-----			WL195-----	FPI95-----	Therapy type HF triode (nearest equivalents 852, UE952).
195-----			195-----		Transmitting triode-air cooled (therapy)
QF196-----			VR78 (Br.)-----	D1, ARD2, 2B36-----	See VR78 (Br.).
TS196/1L4-----	N16-T-61960----		TS196/1L4-----		Selected 1L4 for Bureau of Ordnance.
WL196-----			WL196-----		Therapy type HF triode.
196-----			196-----		Transmitting triode-air cooled (therapy)
FPI97-----			FPI97-----	211D-----	Therapy type HF triode oscillator (obsolete; replace with 211).
QF197-----			2B24-----		See 2B24.
FPI98-----			FPI98-----		Therapy type UHF triode oscillator (obsolete).
UV199-----			V99-----	UV299-----	See V99.
UX199-----			X99-----	UX299-----	See X99.
C200-----			HF200-----		Collins; see HF200.
CE200-----			CE200-----	CR200-----	Duodiode gas rectifier (similar to NL602).
CE200A-----	N16-T-61990----		CE200A-----		Gas rectifier.
CR200-----			CR200-----		Obsolete; see CE200.
EE200-----			EE200-----		Industrial triode vacuum control tube (electronic enterprises).
HF200-----	N16-T-62000----		HF200-----	HV18, NU200, 200, C200, T200	Transmitting and therapy type, triode amplifier oscillator (similar to FP252A and WL460).
ML200-----			ML200-----		Large transmitting radiation cooled.
NU200-----			HF200-----		See HF200.
QF200A, B-----			QF200A, B-----		Subminiature type.
QF200C-----			2C27-----		See 2C27.
T200-----			HF200-----	NU200, HV18-----	Transmitting triode amplifier; see HF200
UX200-----			UX200-----		Superseded by COA, both obsolete.
UX200A-----			COA-----	200A-----	See 200A.
VC200-----			VC200-----		(British).
200-----			HF200-----		See HF200.
200A-----			COA-----	UX200A-----	Type UX200 with lower filament current (obsolete).
200C-----			1891-----	62017, 1891-----	Alpha-Beta-Gamma counter tube.
200N-----			200N-----		Alpha-Beta-Gamma counter tube.

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CE201-----			4B27-----	15X997-----	See 4B27.
HQ201-----			3B4A-----		See 3B4A.
GK201-----	N16-T-62010----		QK201-----		Klystron.
RM201-----			RM201-----		Grid controlled gas rectifier.
UX201A-----			01A-----		See 01A (obsolete).
WE201A & B-----			WE201A & B-----		Replaced by 102D.
201N-----			201N-----		Alpha-Beta-Gamma counter tube.
C202-----			C202-----	211H-----	Transmitting triode amplifier (Collins) (similar to 8003).
CE202-----			CE202-----	NL625-----	Diode gas rectifier.
QF202-----			QF202-----		Subminiature type.
GK302-----	N16-T-62012----		QK202-----		Klystron.
202-----			202-----	202(RCA)-----	Obsolete (replace with 1602).
202(RCA)-----			202-----		Obsolete (replace with 1602).
AC203-----			CE203-----		See CE203.
C203A-----			203A-----		See 203A.
CE203-----	N16-T-62025----		CE203-----	AC203, PGL32, HW-15, NL623	Diode gas rectifier.
GL203A-----			203A-----		See 203A.
HD203A-----	N16-T-62027----		HD203A-----		Transmitting triode amplifier.
HD203C-----			HD203C-----		Heavy duty therapy triode amplifier (similar to 303U).
T203E-----			T203E-----		Taylor.
T203Z-----			T203Z-----		Transmitting triode amplifier (Taylor).
UV203A-----			203A-----		See 203A.
WE203A-----			203A-----		See 203A.
WL203A-----			203A-----		See 203A.
203A-----	N16-T-62030----	F	203A-----	303A, WE295A, 39103, 203B, C203A, WL203A, UV203A, GL203A, WE203A	Transmitting triode amplifier oscillator modulator.
203B-----	N16-T-62030-20----		203B-----		Transmitting triode (obsolete, superseded by 203D and F, also obsolete).
203H-----			203H-----	HF125-----	Transmitting triode amplifier (similar to 303U).
203W-----	N16-T-62035----		203WA-----		Ruggedized 203A.
203WA-----	N16-T-62036----		203WA-----		Ruggedized version of 203A.
C204A-----			204A-----		See 204A.
F204A-----			204A-----		See 204A.
GL204A-----			204A-----		See 204A.
RCA204A-----			204A-----		See 204A.
RX204-----			204A-----		See 204A.
UV204-----			204-----		See 204.
UV204A-----			204A-----		See 204A.
WL204A-----			204A-----		See 204A.
204-----			204-----		Transmitting triode (obsolete, superseded by 204A).
204A-----	N16-T-62040----	F	204A-----	GL204A, F204A, RCA204A, UN204A, UN304A, 3B104, C204A, WL204A	Transmitting triode amplifier oscillator modulator.
A205D-----			1658-----		See 1658.
CE205-----	N16-T-62050----		CE205-----	2RA5-----	Diode gas rectifier.
HY205-----			HY205-----		Unbiased hearing aid pentode amplifier.
QK205-----	N16-T-62053----		5721-----		Velocity modulation reflex oscillator.
RX205-----					
WE205B-----			205B-----		See 205B.
WE205D-----			1276-----		See 1276.
WE205F-----			205F-----		See 205F.
205B-----			205B-----	WE205B-----	Obsolete.
205D-----	N16-T-62055----		205D-----	304D-----	Transmitting triode amplifier oscillator (obsolete, replace with 205F).
205E-----			205E-----	RCA1602-----	Transmitting triode amplifier.
205F-----	N16-T-62057----		205F-----	WE205F-----	Triode amplifier oscillator.
CE206-----	N16-T-62060----		CE206-----	2RA6-----	Diode gas rectifier.
GL206-----			206-----		See 206.
QF206-----			2E27-----		See 2E27.
QK206-----	N16-T-62068----		QK206-----		Magnetron.
RCA206-----			206-----		See 206.
UV206-----			206-----		See 206.
206-----			206-----	RCA206, UV206, GL206, 3B106, 2933	Transmitting amplifier oscillator (obsolete).
F207-----			207-----		See 207.
GL207-----			207-----		See 207.
RCA207-----			207-----		See 207.
RX207-----			207-----		See 207.
UV207-----			4B25-----	45X674, 4B25/EL6C-----	See 4B25.
WL207-----			207-----		See 207.
			207-----		See 207.

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207-----	N16-T-62070----	F	207-----	F207, F307A, 39107, 1971, UV207, RCA207, GL 207, WL207	Transmitting triode amplifier oscillator-Water cooled.
207W-----			207W-----		Transmitting triode, (modified version of 207).
RW208-----			RW208-----		Grid controlled gas rectifier (obsolete)
WE208A-----			WE208A-----		Replaced by 205F.
WE208C-----			WE208C-----		Replaced by 101D.
208-----			208-----		
RW209-----			RW209-----		Grid controlled gas rectifier (obsolete)
WE209A-----			WE209A-----		Replaced by 102D.
209-----			209-----		
PT210-----			10-----		See 10; replace with 10Y.
UX210-----			10-----		See 10; replace with 10Y.
WE210A-----			WE210A-----		Replaced by 104D.
210-----			10-----	310, RK10, 2566A, UX210-	See 10; replace with 10Y.
Amperex 211B----			211B-----		See 211B.
C211-----			Commercial 211-----		See 211; replace with 211.
Commercial 211-----			Commercial 211-----	UV211, C211, RX211, UE211, NU211, GL211, 38211, HD211, WE211, WL211, Army VT4B	Transmitting triode amplifier oscillator. See 211; replace with 211 (very similar to 242A, 342B).
Commercial 211 specl.			211-----	4C21, Army VT4C-----	Commercial type 211 with low grid current limits-See 211, replace with 211.
GL211-----			Commercial 211-----		See 211; replace with 211.
HD211-----			Commercial 211-----		See 211; replace with 211.
HD211C-----			211C-----		See 211C.
NU211-----			Commercial 211-----		See 211; replace with 211.
RCA211-----			248A-----		See 248A.
RX211-----			Commercial 211-----		See 211; replace with 211.
T211C-----			211C-----		See 211C.
UE211-----			Commercial 211-----		See 211; replace with 211.
UE211C-----			211C-----		See 211C.
UV211-----			Commercial 211-----		See Commercial 211.
WE211-----			Commercial 211-----		See 211; replace with 211.
WE211A-----			211A-----		See 211A.
WE211B-----			WE211B-----		Transmitting triode (old type 211 with plate-top cap, obsolete).
WE211C-----			38111A-----	HF130-----	See 38111A, replace with 38111A (similar to 261A, 361A, WE261A, 835).
WE211D-----			211D-----		See 211D.
WE211E-----			211E-----		See 211E.
WL211-----			Commercial 211-----		See 211; replace with 211.
211-----	N16-T-62110----	F	211-----	4C21, Army VT4C, Commercial 211 Special	Transmitting triode amplifier oscillator
211A-----			211A-----	WE211A-----	See 242C; replace with 242C.
211B-----			211B-----	Amperex 211B-----	Transmitting triode (Amperex, similar to 211 except for capacitances).
211C-----			211C-----	UE211C, HD211C, FP285 T211C	Therapy type HF triode (Taylor).
211D-----	N16-T-62112----		211D-----	WE211D, HF140-----	See 242C; replace with 242C.
211E-----			211E-----	WE211E-----	See 242C; replace with 242C.
211H-----			211H-----	HF150, 311CH-----	Type 211C with plate top cap (Amperex).
211W-----	N16-T-62115----	F	211W-----		Ruggedized version of 211.
CE212-----			CE212-----	289415-----	Diode gas rectifier.
F212E-----			212E-----		See 212E.
RX212-----	N16-T-62118----		RX212-----	NL627-----	Special purpose diode gas rectifier.
WE212F-----			212E-----		See 212E.
212-----			212-----		Television pick up tube (Remington Rand)
212A-----			212A-----	WE212A-----	Obsolete, superseded by 212E.
212E-----	N16-T-62160----	H	212E-----	1819B, 38112, WE2123, 312E, UN312E, F212E, 2RA3	Transmitting triode amplifier.
CE213-----	N16-T-62130----		CE213-----	NL615-----	Diode gas rectifier.
J213AAA-----			4B26-----	J213AAA (Allen)-----	Replace with 4B26; see 4B26.
J213AAA(Allen)-----			4B26-----		See 4B26.
QF213-----			QF213-----		Subminiature type.
UV213-----			80-----		Superseded by 80; see 80.
UX213-----			80-----		Superseded by 80; see 80.
213-----			80-----		See 80.
213B-----			213B-----	313B-----	Superseded by 80; see 80.
C214-----			214-----		See 214.
F214-----			214-----		See 214.
GL214-----			214-----		See 214.
QF214-----			QF214-----		Subminiature type.
RCA214-----			214-----		See 214.
RW214-----			RW214-----		Grid controlled gas rectifier.

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UV214			214		See 214.
WL214			214		See 214.
214	N16-T-62140		214	2938, 38114, C214, WL214, GL214, UV214, RCA214, F214, R100	Transmitting diode rectifier (obsolete).
214E			214E	217A	Transmitting diode vacuum rectifier.
CE215			CE215	2RA15	Diode gas rectifier.
QF215			2C35		See 2C35.
RI215			RI215		Special purpose duodiode gas rectifier.
WE215A			215A		See 215A.
215A	N16-T-62150		215A	38015, WE215A	Receiving a-f and i-f amplifier (obsolete).
UV216			81		Superseded by 81; see 81.
UX216B			81		Superseded by 81; see 81.
WE216A			WE216A		101D may be used as substitute.
GL217A			217A		See 217A.
GL217C			217C		See 217C.
QF217			217C		Receiving UHF oscillator.
UV217A			217A		See 217A.
UV217C			217C		See 217C.
WL217C			217C		See 217C.
217			217		Rectifier (obsolete).
217A	N16-T-62165		217A	UV217A, GL217A	Transmitting diode rectifier (vacuum).
217C	N16-T-62170		217C	38117, HK235, UE317C, GL217C, 2936A, 317C, UV217C, WL217C	Transmitting diode rectifier (vacuum).
F218A			218		See 218.
GL218			218		See 218.
RCA218			218		See 218.
UV218			218		See 218.
WL218			218		See 218.
218	N16-T-62180		218	1861, 38118, RCA218, F218A, UV218, 318A, GL218, WL218	Transmitting diode rectifier (obsolete, for replacement only).
218S			218S		Transmitting diode rectifier.
F219			219		See 219.
GL219			219		See 219.
RCA219			219		See 219.
RX219			C35		See 219.
UV219			219		See C35.
WE219A			WE219A		See 219.
WE219D			WE219D		Obsolete-253A with adapter may be used as replacement.
219	N16-T-62190		219	GL219, 38119, 2937, F219, RCA219, UV219, R319	Obsolete.
CE220			72	RKR72	Transmitting diode vacuum rectifier (obsolete).
CEP220	N16-T-62200		120	38220, 3C21	Diode vacuum rectifier; see 72 and 8020.
CI220			20	UX120	See 120.
F220B			220B		Superseded by 20, both obsolete.
T220			T220		See 220B.
WE220B			220B		Taylor.
WE220C			220C		See 220B.
WE220CA			220CA		See 220C.
220B	N16-T-62205		220B	F320B, WE220B, 38120, 188, F220B	See 220CA.
220C	N16-T-62206		220C	F320C, WE220C	Transmitting triode amplifier oscillator
220CA			220CA	WE220CA	Transmitting triode amplifier oscillator-water cooled.
CE221			4B25		Transmitting triode amplifier oscillator-water cooled.
QK221	N16-T-62209-50		QK221		See 4B25.
WE221D			WE221D		Magnetron.
221	N16-T-62210		221		Triode.
221A			371A		Receiving triode (obsolete)
221B			371B		See 371A.
CE222			3B22	EL1C	See 371B.
F222A			222A		See 3B22.
WE222A			222A		See 222A.
X222			22		See 222A.
222A	N16-T-62225		222A	F222A, F322A, WE222A	See 22.
222B			222B		Transmitting diode rectifier-water cooled.
WE223A			WE223A		Replaced by 222A.
CE224			4B24		Triode.
UY224			UY224		See 4B24.
WE224A			224A	326A, 325A	Superseded by 24A.
WE224B			WE224B	326B, 325B	Cathode ray.

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WE224C-----			WE224C-----	326C, 325C-----	Cathode ray.
224-----			24-----		See 24.
224A-----			24A-----		See 24A.
CE225-----			4B2B-----	WL387414, GE189048---	Diode gas rectifier.
WE225A-----			WE225A-----		Triode.
WE225TQ-----			704A-----		See 704A.
Z225-----			Z225-----		Transmitting diode rectifier.
225TQ-----			704A-----	WE225TQ, D159765---	See 704A.
CE226-----			4B26-----	WL387416, GE189049, R6A	Diode gas rectifier; see 4B26.
RI226A-----			RX226A-----		Diode rectifier (obsolete).
UX226-----			26-----		Superseded by 26; see 26.
226-----			26-----		Superseded by 26; see 26.
226A-----	N16-T-62260----		226A-----		
A227A-----			A227A-----		Amperex water cooled-Obsolete.
UY227-----			27-----		See 27.
VT227A-----	N16-T-62270----		VT227A-----		Receiving pentode.
227-----			27-----	UY227-----	See 27.
227A-----			227A-----	5C27, 3-100E3/227A---	UHF triode amplifier oscillator.
QK228-----	N16-T-62280----		QK228-----		Magnetron-superseded by QK 254.
WE228A-----			228A-----		See 228A.
228A-----			228A-----	WE228A, F328A-----	Transmitting triode amplifier modulator.
228R-----			228R-----		Transmitting triode-forced air cooled.
A2293C-----			2C42-----		See 2C42.
TS229-----	N16-T-62290----		5687-----		See 5687.
229D-----			229D-----		Triode.
CE230-----			3B24-----	732A-----	See 3B24.
WE230D-----			WE230D-----		Same as 231D except base.
WT230-----			873-----	UE973-----	See 873.
230-----			30-----		See 30.
WE231D-----	N16-T-62310----		231D-----		Receiving triode, detector amplifier.
231D-----			231D-----	WE231D-----	Receiving triode detector amplifier.
RX232-----			72-----		Obsolete, superseded by 72.
WE232A-----			232A-----		See 232A.
WE232B-----			232B-----		See 232B.
232-----			32-----		See 32.
232A-----			232A-----	WE232A, F332A-----	Replaced by 343A.
232B-----			232B-----	F332C, WE232B-----	Transmitting triode amplifier oscillator
232BA-----			232BA-----		-Water cooled (replaced by 343A).
232C-----			232C-----		232B with fins for air cooling.
232CH-----			232CH-----		Transmitting triode amplifier-Water cooled (Amperex).
232R-----			232R-----		Transmitting triode amplifier-Water cooled (Amperex).
RI233-----			2C33-----		Transmitting triode-Forced air cooled.
RI233A-----			2C33-----		See 2C33.
WE233A-----			233A-----		See 233A.
WE233B-----			233B-----		See 233B.
233-----	N16-T-62332----		233-----		Transmitting triode amplifier-Water cooled (Amperex: supersedes 232CH).
233A-----	N16-T-62338----	F	233A-----	WE233A, 233B-----	Transmitting diode rectifier, supersedes 233B.
233B-----			233B-----	WE233B, 233A-----	Replaced by 233A. See 233A.
WE234A-----			WE234A-----		Rectifier-equipment converted to use 249B.
234-----			34-----		See 34.
CE235-----			5B21-----	R15A, WL766776, GE217283	Diode gas rectifier.
FG235A-----	N16-T-62350----		5552-----	WL651/656, FL-5552/ FG-235A, WL-5552/651	See 5552.
QK235-----	F16-T-62349----		QK235-----		Magnetron.
RX235-----			RX235-----		Diode rectifier (similar to 72).
235-----			35-----		See 35.
WE236A-----			236A-----		See 236A.
236-----			36-----		See 36.
236A-----			236A-----	WE236A-----	Transmitting triode amplifier-Water cooled.
F237A-----			237A-----		See 237A.
WE237A-----			237A-----		See 237A.
WE237B-----			237B-----		See 237B.
237A-----	N16-T-62370----		237A-----	WE237A, F237A, F337A---	Transmitting diode rectifier-Water cooled.
237B-----			237B-----	WE237B-----	Discontinued-Replaced by 237A.
FG238B-----	N16-T-62385----		5555-----	WL653B, 5555/FG238B---	See 5555.
WE238A-----			WE238A-----		Photoelectric cell.
WE239A-----			239A-----		See 239A.
239-----			39/44-----		Superseded by 39/44.

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239A-----			239A-----	WE239A-----	Receiving triode amplifier.
UX240-----			40-----	240-----	See 40.
WE240A-----			240A-----		See 240A.
WE240B-----			240B-----		See 240B.
240-----			40-----		See 40.
240A-----			240A-----	WE240A-----	Replaced by 240B.
240B-----			240B-----	WE240B-----	Transmitting triode amplifier-Water cooled.
QK-241-----	F16-T-62407-50-		QK-241-----		Magnetron.
WE241B-----			241B-----		See 241B.
241B-----	N16-T-62410----		241B-----	212E, 312E, WE241B----	Transmitting triode amplifier.
GL242A-----			242A-----		See 242A.
GL242B-----			242B-----		See 242B.
GL242C-----			242C-----		See 242C.
WE242-----			242-----		See 242.
WE242A-----			242A-----		See 242A.
WE242B-----			242B-----		See 242B.
WE242C-----			242C-----		See 242C.
242-----			242-----	WE242-----	Transmitting triode amplifier (oscillator).
242A-----	N16-T-62420----		242A-----	WE242A, GL242A-----	Obsolete. Replace with 211. (Similar to Commercial 211, 311, 38211).
242B-----			242B-----	WE242B, GL242B, 342B----	Transmitting triode amplifier (obsolete, similar to Commercial 211 and 242C).
242C-----	N16-T-62425----		242C-----	342C, GL242C, WE242C----	Transmitting triode amplifier oscillator (similar to Commercial 211, 242B).
WE243A-----			WE243A-----		Triode.
WE244A-----			244A-----		See 244A.
244A-----	N16-T-62440----		244A-----	WE244A-----	Triode amplifier oscillator.
HY245-----			HY245-----		Unbased hearing aid pentode amplifier.
UX245-----			45-----		See 45.
WE245A-----			45-----		See 45.
245-----			245A-----		See 245A.
245A-----	N16-T-62450----		45-----	UX245-----	See 45.
QK246-----			245A-----	WE245A-----	Tetrode amplifier detector.
WE246A-----			QK246-----		Velocity variation UHF oscillator
246A-----			246A-----		See 246A.
QK247-----	N16-T-62470----		246A-----	WE246A-----	Receiving tetrode amplifier.
WE247A-----			QK247-----		Transmitting UHF oscillator-magnetron.
247-----			247A-----		See 247A.
247A-----			47-----		See 47.
248A-----			247A-----	WE247A-----	Receiving triode amplifier.
0249-----			248A-----	RCA211, NU211----	Transmitting triode oscillator modulator
T249B-----			249C-----	WE249C-----	See 249C.
WE249A-----			249B-----		See 249B.
WE249B-----			249A-----		See 249A.
WE249C-----			249B-----		See 249B.
249-----	N16-T-62498----		249C-----		See 249C.
249A-----			249-----	249A-----	Gas rectifier.
249B-----	N16-T-62490----		249A-----	WE249A-----	Replaced by 249B.
249C-----	N16-T-62495----	J	249B-----	WE249B, T249B----	Transmitting diode gas rectifier.
ATS250-----			249C-----	0249, WE249C----	Transmitting diode gas rectifier.
H250-----			VT31(Br.)-----		See VT31(Br.).
HF250-----			1223-----		See 1223.
T250-----			HF250-----		Transmitting triode amplifier oscillator
UX250-----			T250-----	British VT30-----	Transmitting triode.
250-----			50-----	250-----	See 50.
250R-----	N16-T-62500----		50-----	UX250-----	Transmitting and receiving triode amplifier-See 50.
250TB-----	N16-T-62503----	L	250R-----	2-250A/250R-----	Transmitting diode rectifier.
250TL-----	N16-T-62506----		250TB-----	RK63, HK454H, 3-250A4/250TH	Transmitting triode amplifier oscillator.
WE251A-----			250TL-----	HK454L, 806, 3-250A2/250-TL	Transmitting triode amplifier (low Nu).
251A-----	N16-T-62510----		251A-----		See 251A.
FP252-----			251A-----	WE251A-----	Transmitting triode amplifier.
FP252A-----			FP252-----	NU200-----	Therapy type triode amplifier oscillator (obsolete).
HK252L-----			FP252A-----		Therapy type triode amplifier oscillator (obsolete, similar to HF 200, FV20).
WE252A-----			152TL-----		See 152TL.
252A-----	N16-T-62520----		252A-----		See 252A.
FG253-----			252A-----	WE252A-----	Triode amplifier oscillator.
HK253-----	N16-T-62533----		FG253-----		Gas rectifier (ignitron-obsolete-superseded by GL415).
HK253C-----			HK253-----	217C, 317C-----	Transmitting diode vacuum rectifier.
			HK253C-----		Transmitting diode vacuum rectifier.



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WE253-----			253-----		See 253.
WE253A-----			253A-----		See 253A.
253-----			253-----	WE253-----	Transmitting rectifier.
253A-----	N16-T-62530----		253A-----	WE253A, 38171----	Diode gas rectifier.
HK254-----			HK254-----		Transmitting triode amplifier (similar to 100TH RK38 and 4C22/HF100).
QK254-----	N16-T-62538----		QK254-----		Magnetron.
WE254A-----			254A-----		See 254A.
WE254B-----			254B-----		See 254B.
254A-----	N16-T-62540----		254A-----	WE254A-----	Transmitting tetrode amplifier oscillator.
254B-----			254B-----	WE254B-----	Transmitting tetrode amplifier oscillator.
HY255-----			HY255-----		Unbased hearing aid pentode amplifier.
HY255X-----			HY255X-----		Unbased hearing aid pentode amplifier.
WE255A-----			255A-----		See 255A.
WE255B-----			255B-----		See 255B.
255A-----			255A-----	WE255A-----	Obsolete.
255B-----	N16-T-62550----		255B-----	WE255B-----	Diode gas rectifier.
WE256A-----			256A-----		See 256A.
256A-----	N16-T-62560----		256A-----	WE256A, D90279----	Grid controlled gas rectifier.
HK257-----	N16-T-62570----		HK257-----	8C01, RK43A-----	Transmitting UHF pentode amplifier; see HK257B.
HK257B-----			4E27-----	8C01, RK43A-----	Identical to HK257, except 3/4" shorter in height.
WE257A-----	N16-T-62575----		257A-----	WE257A-----	Receiving triode amplifier detector.
257-----			RK43A/RK48-----		See RK43A/RK48.
257A-----	N16-T-62575----		257A-----	WE257A-----	Receiving triode amplifier detector.
FG258A-----	N16-T-62580----		5553-----	WL655/658, 5553/FG-258A	See 5553.
T259B-----			259B-----		See 259B.
WE259B-----			259B-----		See 259B.
259B-----	N16-T-62590----		259B-----	WE259B, T259B-----	Diode gas rectifier.
FG259B-----			5554-----	WL679, 5554/FG-259B-----	See 5554.
FG259R-----			FG259R-----		Diode gas rectifier (ignitron).
WE259A-----			259A-----		See 259A.
WE259B-----			259B-----		See 259B.
259A-----	N16-T-62590----	L	259A-----	WE259A-----	Receiving tetrode amplifier.
259B-----	N16-T-62590-40----		259B-----	WE259B-----	Receiving tetrode amplifier.
WE260A-----			260A-----		See 260A.
260A-----			260A-----	WE260A, 860-----	Transmitting tetrode amplifier.
261A-----			261A-----	361A, WE261A-----	See 38111A; replace with 38111A (similar to WE276A, 242B, 242C, 211C, 835).
WE262A-----			262A-----		See 262A.
WE262B-----			262B-----		See 262B.
262A-----	N16-T-62620----		262A-----	WE262A-----	Superseded by 262B.
262B-----	N16-T-62625----		262B-----	WE262B-----	Receiving triode amplifier.
WE263A-----			263A-----		See 263A.
WE263B-----			263B-----		See 263B.
263A-----			263A-----	WE263A-----	Duodiode gas rectifier.
263B-----			263B-----	WE263B-----	Duodiode gas rectifier.
WE264B-----			264B-----		See 264B.
WE264C-----			264C-----		See 264C.
264-----			864-----		Receiving triode (nonmicrophonic, see 864).
264B-----			264B-----	WE264B-----	Superseded by 264C.
264C-----	N16-T-62643----		264C-----	WE264C-----	Receiving triode a-f amplifier.
FP265-----	N16-T-62650----		FP265-----		Therapy type h-f triode.
F266A-----			266A-----		See 266A.
F266B-----			266B-----		See 266B.
GL266A-----			266A-----		See 266A.
GL266B-----			266B-----		See 266B.
WE266B-----			266B-----		See 266B.
WE266C-----			266C-----		See 266C.
266A-----			266A-----	F265A, GL266A-----	Transmitting diode rectifier (equivalent to 857).
266B-----	N16-T-62665----		266B-----	F266B, WE266B, GL266B-----	Transmitting diode gas rectifier.
266C-----			266C-----	WE266C-----	Transmitting diode gas rectifier (similar to 857B).
F267B-----			267B-----		See 267B.
WE267B-----			267B-----		See 267B.
267B-----	N16-T-62675----	F	267B-----	WE267B, F267B-----	Transmitting diode gas rectifier (similar to 872A).
WE268A-----			268A-----		See 268A.
268A-----	N16-T-62680----		268A-----	WE268A-----	Transmitting triode.
QK269-----			QK269-----		Velocity variation UHF oscillator.
WE269A-----			269A-----		See 269A.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
269A-----	N16-T-62670----		269A-----	WE269A, D90278-----	Grid controlled gas rectifier.
FP270-----			FP270-----		Transmitting triode (obsolete).
WE270A-----			270A-----		See 270A.
WT270-----			80-----		See 80.
270A-----			270A-----	WE270A-----	Transmitting triode amplifier.
FG271-----	N16-T-62709----		5551-----	WL652/657, 5551/FG-271	See 5551.
UX271-----			371A-----		See 371A.
WE271A-----			271A-----		See 271A.
271-----			71-----		See 71.
271A-----	N16-T-62710----		271A-----	WE271A-----	Moderate power triode amplifier.
WE272A-----			272A-----		See 272A.
WT272-----			FG17-----	UE767-----	See FG17.
272-----			FG17-----	CE309-----	See FG17.
272A-----	N16-T-62720----		272A-----	WE272A-----	Receiving triode amplifier.
WE274A-----			274A-----		See 274A.
WE274B-----			274B-----		See 274B.
274-----			5V4G-----		See 5V4G.
274A-----	N16-T-62740----	L	274A-----	WE274A-----	Duodiode vacuum rectifier (medium 4-pin base).
274B-----	N16-T-62745----	J	274B-----	WE274B-----	Duodiode vacuum rectifier (medium shell, octal, 5-pin). Replace with 5U4G.
DT275-----			5A6-----		See 5A6.
WE275A-----			275A-----		See 275A.
275A-----	N16-T-62750----		275A-----	WE275A-----	Moderate power triode.
GL276A-----			276A-----		See 276A.
WE276A-----			276A-----		See 276A.
276A-----	N16-T-62760----		276A-----	GL276A, WE276A-----	Transmitting triode amplifier-oscillator
WE277A-----			277A-----		See 277A.
277A-----			277A-----	WE277A-----	Grid controlled gas rectifier.
WE278A-----			278A-----		See 278A.
278A-----	N16-T-62780----		278A-----	WE278A-----	Transmitting tetrode amplifier (similar to 379A and 251A).
HK279A-----			279A-----		See 279A.
WE279A-----			279A-----	WE279A-----	Transmitting triode amplifier.
279A-----	N16-T-62790----	J	FG280-----		Diode gas rectifier.
FG280-----	N16-T-62800----		80-----		See 80.
UX280-----			280A-----		See 280A.
WE280A-----			80-----	UX280-----	See 80.
280-----			280A-----	WE280A-----	Diode gas rectifier (obsolete).
280A-----			81-----		See 81.
UX281-----			281A-----		See 281A.
WE281A-----			281A-----	WE281A-----	Moderate power tetrode.
281A-----			282A-----		See 282A.
T282A-----			282A-----		See 282A.
WE282A-----			282B-----		See 282B.
WE282B-----			282A-----	WE282A, T282A-----	Transmitting tetrode amplifier.
282A-----	N16-T-62820----		282B-----	39282, WE282B-----	Transmitting tetrode amplifier (obsolete, replaced by 282A).
282B-----	N16-T-62825----		283A-----		See 283A.
WE283A-----			283A-----	WE283A-----	Receiving tetrode amplifier.
283A-----	N16-T-62830----		281A-----		See 284A.
WE284-----			284D-----		See 284D.
WE284D-----			281D-----		See 284D.
WE284F-----			284A-----	WE284, NU845-----	Obsolete, superseded by WE284D (845).
284A-----	N16-T-62840----		284D-----	WE274D, WE284F-----	Transmitting triode amplifier; see 845.
284D-----	N16-T-62845----		FP285-----		Therapy type h-f triode-similar to 311GT, 3811A, 211C.
FP285-----			285A-----		See 285A.
WE285A-----			285A-----	WE285A-----	Receiving pentode a-f amplifier.
285A-----	N16-T-62850----		286A-----		See 286A.
WE286A-----			286A-----	WE286A-----	Receiving pentode amplifier modulator.
286A-----	N16-T-62860----		287A-----		See 287A.
WE287A-----			287A-----	1287, WE287A, CE302--	Grid controlled gas rectifier. Similar to 5557.
287A-----	N16-T-62870----		QK289-----		Transmitting UHF oscillator-magnetron.
QK289-----			289A-----		See 289A.
WE289A-----			288A-----	WE288A-----	Diode gas rectifier (obsolete). Use 4B26
289A-----	N16-T-62890----		4B26-----		See 4B26.
WE289A-----			4B26-----	GE190049, WE289A, 38116, WE289A16D, RCA2000	See 4B26 (289A is obsolete).
289A-----			80-----		See 80.
UX290-----			270A-----		See 290A.
WE290A-----			290A-----	WE290A-----	Receiving pentode variable Mu amplifier.
290A-----			291A-----		See 291A.
WE291A-----			291-----		Receiving triple twin amplifier.
291-----	N16-T-62910----				

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291A-----			291A-----	WE291A-----	Receiving pentagrid converter.
WE292A-----			292A-----		See 292A.
292A-----	N16-T-62920----		292A-----	WE292A-----	Obsolete, superseded by 352A.
WE293A-----			293A-----		See 293A.
293-----			293-----		Receiving triple twin amplifier.
293A-----	N16-T-62930----		293A-----	WE293A-----	Pentode amplifier.
WE294A-----			294A-----		See 294A.
WE294D-----			284D-----		See 284D.
WT294-----			OD3/VRL50-----		See OD3/VRL50.
294A-----	N16-T-62940----		294A-----	WE294A-----	Transmitting pentode amplifier (low power).
WE295A-----			203A-----		See 203A.
295-----			295-----		Receiving triple twin amplifier.
295A-----			203A-----	303A, WE295A, GL203A--	See 203A.
QM296-----			5517-----	CK1013-----	See 5517.
WE296A-----			296A-----		See 296A.
296A-----			296A-----	WE296A, 849-----	Transmitting triode amplifier.
WE297A-----			297A-----		See 297A.
297A-----	N16-T-62964----		297A-----	WE297A-----	Grid controlled gas rectifier.
WE298A-----			298A-----		See 298A.
WE298B-----			298B-----		See 298B.
298A-----			298A-----	WE298A-----	Transmitting triode amplifier.
298B-----			298B-----	WE298B-----	Transmitting triode amplifier.
CV299-----			99-----		Receiving triode amplifier (obsolete).
CX299-----			99-----		Receiving triode amplifier (obsolete).
GL299-----	N16-T-62990----		GL299-----		Grid controlled gas rectifier.
UV299-----			V99-----		See V99.
UX299-----			X99-----		See X99.
WE299A-----			299A-----		See 299A.
299A-----			299A-----	WE299A, CX399, C399--	Gas rectifier (not active).
C300-----			C300-----	HF300-----	Transmitting triode.
CE300-----			CE300-----	CR300-----	Diode discharge tube.
CR300-----	N16-T-62998----		CE300-----		Diode discharge tube; see CE300.
DR300-----	N16-T-62990----		DR300-----		Transmitting triode.
EE300-----			EE300-----		Transmitting triode oscillator, power amplifier.
HF300-----	N16-T-62999----	L	HF300-----		Transmitting triode amplifier (nearest equivalent NU300, WL463, KU23, C300).
NU300-----			NU300-----	KU23-----	Transmitting triode amplifier.
WE300A-----			300A-----		See 300A.
WE300B-----			300B-----		See 300B.
300A-----			00A-----		See 00A.
300A-----	N16-T-63000----	G	300A-----	WE300A-----	Replaced by 300B.
300B-----	N16-T-63001----	G	300B-----	WE300B-----	Moderate power triode amplifier.
300T-----			300T-----		Transmitting triode amplifier.
V301-----	N16-T-63008----		1N40-----		See 1N40.
WE301A-----			301A-----		See 301A.
301A-----	N16-T-63010----		301A-----	WE301A-----	Duodiode gas rectifier (nearest equivalent is type 83).
CE302-----			287A-----		Grid controlled gas rectifier (similar to 722A).
EL302.5-----			3B21-----	3B401-----	See 3B21.
GB-302-----	N16-T-63016----		GB-302-----		Geiger-Mueller counter tube.
WE302A-----			302A-----		See 302A.
302A-----	N16-T-63020----		302A-----	WE302A-----	Cathode ray (obsolete).
CE303-----			3C31/C1B-----	C1B-----	See 3C31/C1B.
WE303A-----			303A-----		See 303A.
303A-----			203A-----	WE295A, 203A, WE303A--	See 203A.
303C-----			303C-----		Transmitting triode amplifier (nearest equivalent 303U).
303U-----			303U-----		Transmitting triode amplifier (nearest equivalent 303C).
303UE-----			303UE-----		Transmitting triode amplifier.
CE304-----			CE304-----		Grid controlled gas rectifier.
CG-304-----	N16-T-63030----		CG-304-----		Geiger-Mueller counter tube.
F304A-----			304A-----		See 304A.
HK304H-----			304TH-----		See 304TH.
HK304L-----			304TL-----	WL525-----	See 304TL.
HK304TH-----			304TL-----		See 304TH.
HK304TL-----			304TL-----		See 304TL.
UE304A-----			304A-----		See 304A.
UN304A-----			304A-----		See 304A.
WE304A-----			304A-----		See 304A.
WE304B-----			834-----		See 834.
304A-----			204A-----	F204A, UN304A, 204A, 3B104, GL204A, WL204A, WE-304A, UE304	See 204A.

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304B-----			834-----	BW11, WE304B-----	See 834.
304D-----			205D-----		See 205D.
304H-----			304TH-----		See 304TH.
304TH-----	N16-T-63040----	G	304TH-----	WL535, HK304TH, 3-300A3/304TH	Transmitting triode power amplifier (high Mu).
304TL-----	N16-T-63045----		304TL-----	WL525, HK304L, HK304TL, 3-300A2/304TL	Transmitting triode power amplifier (low Mu).
CE305-----	N16-T-63048----		CE305-----		Grid controlled gas rectifier.
WE305A-----			305A-----		See 305A.
305A-----	N16-T-63050----		305A-----	WE305A	Transmitting tetrode power amplifier.
305D-----			305D-----	801A, 801A/801-----	Transmitting triode amplifier.
305E-----			305E-----		
CE306-----			C6J-----		See C6J.
WE306A-----			306A-----		See 306A.
306A-----	N16-T-63060----		306A-----	WE306A	Transmitting pentode amplifier.
F307A-----			207-----	39107, GL207, WL207, UV207	See 207.
RK307A-----			307A-----		See 307A.
307A-----	N16-T-63070----		307A-----	WE307A, RK75, RK307A----	Transmitting pentode amplifier.
CE308-----			CE308-----		Grid controlled gas rectifier (selected CE306).
WL308-----			5669-----		See 5669.
ML308R-----			5669-----		See 5669.
WE308B-----			308B-----		See 308B.
308A-----	N16-T-63080----		308A-----		Superseded by 308B.
308B-----			308B-----	WE308B	Transmitting triode amplifier oscillator
CE309-----			FG17-----		See FG17.
ML309-----			5666-----		See 5666.
ML309R-----			5667-----		See 5667.
SA309-----	N16-T-63086----		SA309-----		Strobotron.
WE309A-----			309A-----		See 309A.
309A-----	N16-T-63090----		309A-----	WE309A	Receiving pentode amplifier.
CE310-----			CE310-----		Grid controlled gas rectifier.
CX310-----			10-----	RK10, 2566A, 901, 801A, 310	Superseded by 10.
GM-310A-----	N16-T-63095----		GM-310A-----		Geiger-Mueller counter tube.
UE310-----			801A-----	39101A-----	See 801A.
UK310P-----			NT98-----		See NT98.
WE310A-----			310A-----		See 310A.
WE310B-----			310B-----		See 310B.
310-----			10-----		See 310.
310A-----	N16-T-63100----	J	310A-----	WE310A	Receiving pentode amplifier.
310B-----	N16-T-63105----		310B-----	WE310B	Receiving pentode amplifier.
CE311-----			3C23-----		See 3C23.
UE311-----			311-----		See 311.
UE311C-----			311C-----		See 39111A; replace with 39111A.
UE311CT-----			311CT-----		See 311CT.
WE311A-----			311A-----		See 311A.
311-----			311-----		See 211; Replace with 211 (similar to 242A, 835, Commercial 211).
311A-----	N16-T-63110----	J	311A-----	WE311A	Receiving pentode amplifier.
311C-----			311C-----	UE311C	See 39111A; replace with 39111A (similar to 835, Commercial 211).
311CH-----			311CH-----		Therapy type h-f triode (nearest equiv- alent 211H, plate top cap).
311CT-----			311CT-----	FP285, UE311CT, T211C	Therapy type h-f triode; see 39111A; replace with 39111A.
311T-----			311T-----	835	Therapy type h-f triode (replace with 211).
UN312E-----			312E-----		See 312E.
WE312E-----			312A-----		See 312A.
312A-----	N16-T-63120----		312A-----	WE312A, 38412-----	Transmitting pentode amplifier.
312E-----			212E-----	18173, F212E, 241B, UN312E	See 212E.
BW313-----			REL32-----		See REL32.
CX313-----			80-----		Superseded by 80.
WE313A-----			313A-----		See 313A.
WE313C-----			CV75-----		See CV75.
WE313CA-----			313CA-----		See 313CA.
WE313CB-----			313CB-----		See 313CB.
WE313CC-----			313CC-----		See 313CC.
WE313CD-----			313CD-----		See 313CD.
313-----			80-----		Superseded by 80.
313A-----			313A-----	WE313A	Superseded by 313C.
313B-----			80-----		Superseded by 80.
313C-----	N16-T-63130----	H	313C-----	WE313C, CV75-----	Cold cathode gas triode rectifier relay regulator.

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313CA-----			313CA-----	WE313CA-----	Cold cathode gas triode rectifier relay regulator.
313CB-----			313CB-----	WE313CB-----	Cold cathode gas triode rectifier relay regulator.
313CC-----	N16-T-63132----		313CC-----	WE313CC-----	Cold cathode gas triode rectifier relay regulator.
313CD-----	N16-T-63134----		313CD-----	WE313CD-----	Cold cathode gas triode rectifier relay regulator.
F314A-----			214-----		See 214.
WE314A-----			314A-----		See 314A.
314A-----	N16-T-63140----		314A-----	WE314A-----	Duodiode gas rectifier.
CE315-----			CSB-----		See CSB.
F315A-----			315A-----		See 315A.
WE315A-----			315A-----		See 315A.
315A-----	N16-T-63150----		315A-----	WE315A, F315A-----	Transmitting diode gas rectifier. (similar to 575A and 673).
315B-----			CV38-----		See CV38.
315D-----			NT98-----		See NT98.
GL316A-----			316A-----		See 316A.
WE316A-----			316A-----		See 316A.
316-----			81-----		See 81.
316A-----	N16-T-63160----	F	316A-----	WE316A, GL316A, ZP470	Transmitting UHF triode oscillator amplifier.
TR317-----	N16-T-63170----		TR317-----		Gas switching tube (TR) (similar to X7047).
UE317C-----			217C-----		See 217C.
317C-----			217C-----	UE317C, 38117, GL217C	See 217C.
F318A-----			218-----		See 218.
319A-----			219-----	GL218, F318A-----	See 218.
F319A-----			F319A-----	219, GL219, RCA219---	Obsolete; see 219.
R319-----			219-----		See 219.
WE319-----			872A-----		See 872A.
WE319A-----			319A-----		See 319A.
319A-----	N16-T-63195----		319A-----	WE319A-----	Transmitting diode gas rectifier (similar to 872A/872).
F320B-----			220B-----	WE220B-----	See 220B.
F320C-----			F320C-----	WE220C, 220C-----	Developmental, never applied; see 220C.
WE320A-----			320A-----		See 320A.
320A-----			320A-----	WE320A-----	Transmitting triode amplifier (250 kw).
WE321A-----			321A-----		See 321A.
321A-----			321A-----	WE321A-----	Transmitting diode gas rectifier, (similar to 575A and 673).
F322A-----			F322A-----	222A, WE222A-----	Obsolete; see 222A.
QM322-----	N16-T-63220----		5656-----		See 5656.
WE322A-----			803-----		See 803.
322A-----			803-----	RK25A, WE322A, 39803-	See 803.
CE323A-----			323A-----		See 323A.
NL323B-----			323A-----		See 323A.
WE323A-----			323A-----		See 323A.
WE323B-----			323B-----		See 323B.
323A-----	N16-T-63230----	J	323A-----	WE323A, CE323A, NL323B-	Grid controlled gas rectifier.
323B-----	N16-T-63232----		323B-----	WE323B-----	Grid controlled gas rectifier.
WE324A-----			324A-----		See 324A.
324A-----	N16-T-63240----		324A-----	WE324A, D76413-----	Special purpose diode rectifier (obsolete similar to 3B24).
WE325A-----			325A-----		See 325A.
WE325B-----			325B-----		See 325B.
WE325C-----			325C-----		See 325C.
325A-----			325A-----	WE325A-----	Cathode ray.
325B-----			325B-----	WE325B-----	Cathode ray.
325C-----			325C-----	WE325C-----	Cathode ray.
CE326-----			C6L-----		See C6L.
WE326A-----			326A-----		See 326A.
WE326B-----			326B-----		See 326B.
WE326C-----			326C-----		See 326C.
326-----			26-----		See 26.
326A-----	N16-T-63260----		326A-----	WE326A-----	Cathode ray (electrostatic focus and deflection).
326B-----	N16-T-63265----		326B-----	WE326B-----	Cathode ray (electrostatic focus and deflection).
326C-----			326C-----	WE326C-----	Cathode ray (electrostatic focus and deflection).
WE327A-----			WE327A-----	GE12X825, WL966626---	Diode gas rectifier (obsolete)-Replace with 4B35.
327-----			27-----		See 27.
327A-----	N16-T-63270----	D	327A-----	5C37, 3-100G3/327A---	Transmitting UHF triode.

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327B-----	N16-T-63275----		327B-----	3-100H3/327B-----	Original 327A without plate fins, use 327A.
F329A-----			228A-----	WE228A-----	See 228A.
F328B-----			F328B-----		Transmitting triode amplifier modulator.
QM328-----			5686-----		See 5686.
WE328A-----		F	328A-----		Receiving pentode amplifier.
328A-----	N16-T-63280----		328A-----	WE328A-----	Receiving pentode amplifier.
WE329A-----			329A-----		See 329A.
329A-----	N16-T-63290----		329A-----	WE329A-----	Receiving pentode amplifier.
H330-----			H330-----	HF60-----	Amperex-Therapy.
WE330A-----			330A-----		See 330A.
WE330B-----			330B-----		See 330B.
WE330C-----			330C-----		See 330C.
330-----			30-----		See 30.
330A-----			330A-----	WE330A-----	Cathode ray.
330B-----			330B-----	WE330B-----	Cathode ray.
330C-----			330C-----	WE330C-----	Cathode ray.
330C-----			805-----		See 805.
A331-----			A331-----		Amperex-Therapy (obsolete-similar to CV-11).
WE331A-----			805-----		See 805.
331A-----	N16-T-63328----		805-----	UE905A, RX57, WE331A, GL805, NU805	See 805.
F332A-----			F332A-----	WE232A-----	Transmitting triode-Water cooled.
F332C-----			F332C-----	WE232B-----	Superseded by F342A.
WE332A-----			332A-----		See 332A.
332-----			32-----		See 32.
332A-----	N16-T-63330----	F	332A-----	WE332A-----	Transmitting pentode (similar to 332A and 803).
A333-----			A333-----		Amperex therapy triode (obsolete).
WE333A-----			333A-----		See 333A.
333-----			33-----		See 33.
333A-----			333A-----	WE333A-----	Cold cathode gas triode rectifier relay regulator.
334-----			34-----		See 34.
335-----			35-----		See 35.
F336A-----			F336A-----	WE236A-----	Transmitting triode-Water cooled.
WE336A-----			336A-----		See 336A.
336A-----	N16-T-63360----		336A-----	WE336A-----	Receiving pentode amplifier.
F337A-----			237A-----		Transmitting diode rectifier-Water cooled.
WE337A-----			337A-----		Receiving pentode amplifier.
337-----			37-----		See 37.
337A-----	N16-T-63370----		337A-----	WE337A-----	Receiving pentode amplifier.
WE338A-----			338A-----		See 338A.
338-----			38-----		See 38.
338A-----	N16-T-63380----	D	338A-----	WE338A-----	Grid controlled gas rectifier.
WE339A-----			339A-----		See 339A.
339A-----	N16-T-63390----		339A-----	WE339A-----	Transmitting pentode amplifier.
WE340A-----			340A-----		See 340A.
340A-----			340A-----	WE340A-----	Transmitting triode amplifier oscillator
WE341AA-----			341AA-----		See 341AA.
341AA-----			341AA-----	WE341AA-----	Nearest equivalent 891R.
F342A-----			342A-----		See 342A.
F342R-----			342A-----	GL242C-----	Transmitting triode amplifier oscillator
WE342A-----			342A-----		See 342A.
342A-----	N16-T-63420----		342A-----	WE342A, F342A-----	Transmitting triode amplifier oscillator-Water cooled.
342B-----			242B-----	242B, GL242C, 211----	See 242B.
342C-----			342C-----	GL242C-----	See 242C.
F343R-----			F343R-----		Transmitting triode amplifier oscillator
WE343A-----			343A-----		See 343A.
343A-----	N16-T-63430----		343A-----	WE343A, F343A, 232B--	Transmitting triode amplifier oscillator-Water cooled.
343AA-----			343AA-----	WE343AA, F343R-----	Transmitting triode amplifier oscillator-Forced air cooled.
ATR345-----			5792-----		See 5792.
WE345A-----			345A-----		See 345A.
345-----			45-----		See 45.
345A-----	N16-T-63450----		345A-----	WE345A-----	Receiving duodiode rectifier.
ATR346-----			5793-----		See 5793.
F346A-----			946-----	F346A, WE284D, 38146, 146	See 846.
WE346A-----			346A-----		See 346A.
WE346B-----			346B-----		See 346B.
346A-----			346A-----	WE346A-----	Superseded by 346B.

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346B-----	N16-T-63460----		346B-----	WE346B-----	Cold cathode gas triode rectifier relay regulator.
WE347A-----			347A-----		See 347A.
347A-----	N16-T-63470----		347A-----	WE347A-----	Receiving triode amplifier.
F348A-----			848-----		Transmitting triode modulator.
WE348A-----			348A-----		See 348A.
348-----			48-----		See 48.
348A-----	N16-T-63490----		348A-----	WE348A-----	Receiving pentode amplifier. 77 with octal base.
WE349A-----			349A-----		See 349A.
349A-----	N16-T-63490----	J	349A-----	WE349A-----	Receiving pentode amplifier. Equivalent to 6F6G.
349B-----					Does not exist.
C350-----			C350-----		Transmitting tetrode amplifier (Collins)
H350-----			4C35-----	ZG529, R6210A----	See 4C35.
WE350A-----			RK49-----		See RK49.
WE350B-----			350B-----		See 350B.
WE350D-----			801A-----		See 801A.
350-----			50-----		See 50.
350A-----	N16-T-63500----	H	350A-----	WE350A, RK49, T21----	Transmitting tetrode amplifier oscillator modulator.
350B-----	N16-T-63505----		350B-----	WE350B-----	Transmitting tetrode amplifier (similar to 350A except in basing).
WE351A-----			351A-----		See 351A.
351A-----	N16-T-63519----		351A-----	WE351A-----	Receiving duodiode vacuum rectifier.
WE352A-----			352A-----		See 352A.
352A-----	N16-T-63520----		352A-----	WE352A-----	Receiving duodiode triode amplifier; see 292A.
F353-----			872A-----		See 872A.
F353A-----			872A-----		See 872A.
WE353A-----			353A-----		Cold cathode gas triode rectifier relay regulator.
353A-----	N16-T-63530----		353A-----		Cathode ray.
HK354-----			HK354-----		Transmitting triode (Mu of 14).
HK354A-----			HK354A-----		Transmitting triode (Mu of 9.5).
HK354B-----			HK354B-----		Transmitting triode.
HK354C-----			HK354C-----	HK354-----	Transmitting triode.
HK354D-----			HK354D-----		Transmitting triode (Mu of 22).
HK354E-----			HK354E-----		Transmitting triode (very similar to 250th).
HK354F-----			HK354F-----		Transmitting triode (Mu of 50).
WL354-----			WL354-----		Water-cooled transmitting triode.
WE354A-----			354A-----	354A-----	Grid controlled gas rectifier.
354-----	N16-T-63540----		354-----		Transmitting triode.
354A-----	N16-T-63542----		354A-----	WE354A-----	Grid controlled gas rectifier.
WE355A-----			355A-----		See 355A.
355A-----	N16-T-63550----	F	355A-----	WE355A-----	Grid controlled gas rectifier.
WE356A-----			356A-----		See 356A.
WE356B-----			356B-----		See 356B.
356A-----	N16-T-63560----		356A-----	WE356A-----	Transmitting triode amplifier oscillator (50W)-(replace with 356B).
356B-----	N16-T-63565----		356B-----	D159781, WE356B-----	Transmitting triode amplifier oscillator (60W).
F357A-----			857B-----		See 857B.
WE357A-----			357A-----		See 357A.
357A-----	N16-T-63570----		357A-----	WE357A-----	Transmitting triode amplifier.
F358A-----			858-----		See 858 (F358A never made).
WE358A-----			358A-----		See 358A.
358A-----	N16-T-63580----		358A-----	WE358A-----	Cold cathode gas diode.
A359B-----			802A-----		See 802A.
WE359A-----			359A-----		See 359A.
359A-----	N16-T-63590----	F	359A-----	WE359A-----	Cold cathode gas triode rectifier relay regulator.
WE360A-----			360A-----		See 360A.
360A-----	N16-T-63600----		360A-----	WE360A-----	Low drain triode.
WE361A-----			WE361A-----		Receiving pentode.
361A-----	N16-T-63610----		361A-----	WE361A-----	See 39111A-Replace with 39111A (similar to WE242B, WE242C, and 211).
WE362A-----			362A-----		See 362A.
362A-----			362A-----	WE362A-----	Receiving pentode amplifier.
F363A-----			863-----		See 863.
WE363A-----			363A-----		See 363A.
363A-----			363A-----	WE363A-----	Transmitting pentode amplifier modulator
364A-----			364A-----		See 364A.
WE364A-----			364A-----	WE364A-----	Transmitting triode amplifier oscillator
364A-----	N16-T-63640----		364A-----	WE364A-----	

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
F366A-----			866A/866-----	NU366A/366, 866A, UE966A, 38166A, WL866A/866	See 866A/866.
WE366A-----			WE366A-----		
F367A-----			F367A-----		Special purpose pentode amplifier.
WE367A-----			367A-----		Transmitting diode rectifier (type 315A characteristics).
367A-----			367A-----	WE367A-----	See 367A.
					Transmitting tetrode amplifier. Similar to WE350, but suited to higher frequencies.
WE369A-----			369A-----		See 368A.
WE369AS-----			368AS/703A-----		See 368AS/703A.
WL369-----			368-----		See 368.
369-----			368-----	WL369-----	
369A-----	N16-T-63690----	F	369A-----	WE369A-----	Transmitting UHF triode oscillator (similar to 703A and 368AS).
369AS-----	N16-T-63691----	A	368AS/703A-----	D159764, WE369AS-----	Transmitting UHF triode amplifier converter (similar to 703A).
369AS/703A-----			368AS/703A-----	369AS, 703A-----	Transmitting UHF triode amplifier converter.
F369A-----			369A-----	869B-----	Superseded by F369B.
F369B-----			869B-----	869A, F369B, 869B-----	See 869B.
369A-----			369A-----	869B-----	Superseded by F369B.
WE370A-----			370A-----		See 370A.
370A-----			370A-----	WE370A-----	Transmitting triode amplifier.
CX371A-----			71A-----	171A, 171-----	See 71A.
EE371B-----			371B-----		See 371B.
WE371A-----			371A-----		See 371A.
WE371B-----			371B-----		See 371B.
371A-----	N16-T-63710----	F	371A-----	UX271, WE371A, 221A-----	Replaced by 371B.
371B-----	N16-T-63715----	F	371B-----	221B, WE371B, EE371B	Transmitting diode vacuum rectifier.
WE372A-----			372A-----		See 372A.
372A-----	N16-T-63720----		372A-----	WE372A-----	Cold cathode gas triode rectifier relay regulator.
WE373A-----			373A-----		See 373A.
373A-----			373A-----	WE373A-----	Receiving pentode amplifier.
WE374A-----			374A-----		See 374A.
374A-----			374A-----	WE374A-----	Receiving pentode amplifier.
F375A-----			575A-----	UE975A, GL512-----	See 575A. Similar to 673.
WE375A-----			WE375A-----		Small transmitting special purpose.
375A-----			575A-----	975A, GL512-----	See 575A.
WE376A-----			276A-----		See 276A.
376A-----			276A-----	WE376A, GL276A-----	See 276A.
WE378A-----			705A-----		See 705A.
378A-----			705A-----	WE705A, D159780, WE378A	Diode rectifier; see 705A.
WE379A-----			379A-----		See 379A.
379A-----			379A-----	WE379A-----	Transmitting triode oscillator modulator amplifier.
QW380-----			QW380-----		Receiving cold cathode corona discharge voltage regulator-miniature (similar to BS101).
WE380A-----			380A-----		See 380A.
380A-----	N16-T-63790----		380A-----	WE380A, D157653-----	Receiving diode rectifier (unbased).
WE381A-----			381A-----		See 381A.
381A-----	N16-T-63792----		381A-----	WE381A, D159508-----	WE380A with base.
WE382A-----			382A-----		See 382A.
382A-----			382A-----	WE382A, D157591, 177YQ	Receiving UHF triode amplifier (unbased).
WE383A-----			383A-----		See 383A.
383A-----	N16-T-63800----	E	383A-----	WE383A-----	WE382A with base.
384A-----	N16-T-63940----		384A-----	WE384A, HQ201-----	Receiving UHF pentode amplifier (unbased).
384D-----			384D-----		Transmitting triode amplifier.
WE385A-----			385A-----		See 385A.
385A-----	N16-T-63850----	E	385A-----	WE385A, HQ201-----	WE384A with base.
WE386A-----			386A-----		See 386A.
WL386-----	N16-T-63860----		WL386-----		High voltage rectifier (medical and surgical).
386A-----			386A-----	WE386A, HQ201-----	Receiving UHF pentode amplifier (unbased).
WE387A-----			387A-----		See 387A.
387A-----	N16-T-63870----		387A-----	WE387A, HQ201, D159512-----	WE386A with base (dot Western Electric).
WE389A-----			388A-----		See 388A.
389A-----	N16-T-63890----	A	388A-----	D159769, WE388A-----	Transmitting UHF triode oscillator.
WE389AA-----			389AA-----		See 389AA.
389AA-----			389AA-----	WE389AA-----	Large transmitting metal anode.
CE393A-----			393A-----		See 393A.
GL393A-----			393A-----		See 393A.



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NL393-----			393A-----		See 393A.
WE393A-----			393A-----		See 393A.
393A-----	N16-T-63930----	G	393A-----	WE393A, GL393A, CE393A, NL-393	Grid controlled gas rectifier. Similar to 3C23.
			5745 & 5747-----		See 5745 & 5747.
WE394-----			394A-----		See 394A.
WE394A-----			394A-----	WE394A-----	Grid controlled gas rectifier.
394A-----	N16-T-63940----	H	394A-----		See 395A.
WE395A-----			395A-----		Cold cathode gas triode rectifier relay
395A-----	N16-T-63950----		395A-----	WE395A, 727A, 359A----	regulator.
			2C51-----		See 2C51.
396A-----			2K56-----		See 2K56.
397A-----			299A-----		See 299A.
C399-----			299A-----		See 299A.
CX399-----			299A-----		See 399A.
WE397A-----			399A-----		Grid controlled gas rectifier.
397A-----			399A-----	WE399A-----	Diode rectifier.
FP400-----			FP400-----		Ballast tube.
L400B-----	N16-T-64000----		L400B-----		Standard diode.
400-----			400-----		Crystal rectifier.
400A-----	N16-T-64005----		1N43-----		See 1N44.
400B-----	N16-T-51744----		1N44-----		See 1N45.
400C-----			1N45-----		See 1N46.
400D-----			1N46-----		See 1P29.
FG401-----			1P29-----		See 1P29.
FJ401-----			1P29-----	GL1P29/401-----	Receiving triode detector amplifier (obsolete).
401-----			401-----		See 5590.
			5590-----	5590/401A-----	Gas diode rectifier (ignitron, superseded by GL415).
401A-----	N16-T-64010----		FG402-----		Small special purpose.
FG402-----					Receiving power amplifier triode.
			WL402-----		Velocity variation oscillator.
WL402-----			402-----		Receiving power amplifier triode.
402-----			402A-----		See 6AK5.
402A-----			403-----		See 5591.
403-----			6AK5-----	6AK5/403A-----	Transmitting and therapy type HF triode.
403A-----			5591-----		Transmitting vacuum diode rectifier.
403B-----	N16-T-64013----		WL404-----		Receiving miniature pentode.
WL404-----			404-----		Vacuum phototube.
404-----			404A-----		Transmitting triode amplifier.
404A-----			FJ405-----		Cold cathode triode.
FJ405-----	N16-T-64015----		WL405-----		Transmitting triode amplifier.
WL405-----			405A-----		Velocity variation oscillator (similar to 2K54).
405A-----			WL406-----		See 6AC7W.
WL406-----			406A-----		Transmitting tetrode amplifier.
406A-----					Receiving miniature twin triode.
			6AC7W-----		See 1AD4.
A4073F-----			WL407-----		Transmitting amplifier.
WL407-----			407A-----		Receiving pentode.
407A-----			1AD4-----		See 1AE5.
QF408-----			WL408-----		Transmitting triode amplifier.
WL408-----			408A-----		See 6AS6.
408A-----			1AE5-----		Transmitting triode amplifier.
QF409-----			WL409-----		See 10Y.
WL409-----			6AS6-----	6AS6/409A-----	See 3K21.
409A-----			WL410-----		Velocity variation UNF oscillator, amplifier prototype of 3K30.
WL410-----			10Y-----		Diode vacuum rectifier.
410-----			3K21-----		See 2K31.
410-1L-----			410R-----		Transmitting triode amplifier.
410R-----	N16-T-64020----				See 2K31.
			GL411-----		Relay tube, cold cathode.
GL411-----			2K31-----		Transmitting triode amplifier.
Sperry 411-----			WL411-----		See 2K31.
WL411-----			2K31-----	1553-----	Full wave high vacuum rectifier-miniature 9 pin.
411-----			411A-----		Transmitting tetrode amplifier.
411A-----			WL412-----		Cold cathode diode.
WL412-----			2K32-----		Grid controlled gas rectifier.
412-----			412A-----		Grid controlled gas rectifier.
412A-----					See 4K34.
WL413-----			WL413-----		Receiving pentode miniature (similar to 6AJ5).
413A-----			413A-----		See 5550.
GL414-----	N16-T-64140----		GL414-----		
WL414-----			WL414-----	WX3187-----	
414-----			4K34-----		
414A-----			414A-----		
			5550-----	WL691/686, GL5550/GL-415-----	
GL415-----	N16-T-64150----				

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
WL415-----			WL415-----		Transmitting tetrode amplifier.
415A-----			415A-----		Similar to 6AS6.
416-----			2K36-----		See 2K36.
416A-----	N16-T-64160----		416A-----	1553-----	Transmitting UHF triode.
WE417A-----			1547-----		See 1547.
WL417-----			417-----		See 417.
WL417A-----			417A-----		See 417A.
417-----			417-----	WL417-----	Superseded by 417A.
417A-----	N16-T-64170----	F	417A-----	WL417A-----	Velocity variation UHF oscillator.
417A-----			417A-----	1547-----	9 pin miniature grounded grid triode.
417B-----	N16-T-64171----		417B-----		Low grid emission version of 417A; see 2K41.
GL418-----			GL418-----		Triode vacuum control tube.
WE418A-----			418A-----		See 418A.
WL418-----			WL418-----		Transmitting triode amplifier.
418-----			2K38-----		See 2K38.
418A-----			418A-----	1546-----	Power tetrode.
WL419-----			WL419-----		Transmitting triode amplifier (obsolete, superseded by 891).
Z419-----			Z419-----		Industrial metal rectifier.
419A-----			419A-----	1522-----	Klystron (improved 2K45).
419B-----			2K39-----		See 2K39.
WL420-----			WL420-----		Transmitting triode UHF oscillator.
420A-----			5755-----	1554-----	Twin triode, receiving.
420R-----			5K40-----		See 5K40.
GL421-----			421-----		Transmitting pentode vacuum control tube
WL421-----			2K21-----		Velocity variation UHF oscillator.
421-----	N16-T-64210----		421-----	GL421-----	Transmitting pentode.
421A-----			421A-----		Used in power supply units-television relay.
421AA-----					
421C-----			2K21-----		See 2K21.
WL422-----			2J21-----		See 2J21.
422A-----			422A-----		Used in power supply units-television relay.
ZP423-----	N16-T-64230----		ZP423-----		Transmitting UHF triode oscillator amplifier.
K424D-----	N16-T-64240----		4X150A-----		Transmitting tetrode.
WL424-----			WL424-----		Transmitting diode gas rectifier (superseded by 869B).
X424D-----			4X150A-----		See 4X150A.
424A-----			24A-----		See 24A.
GL427-----	N16-T-64270----		GL427-----		Diode gas rectifier (ignitron). Superseded by 5779.
WL427-----			WL427-----		Superseded by WL612.
428B-----			182B/492B-----		See 182B/492B.
428T-----			3B24-----		See 3B24.
GL429-----			GL429-----		Grid controlled gas rectifier.
429T-----			3B24-----		See 3B24.
WL432-----			WL432-----		Transmitting diode vacuum rectifier (obsolete).
ZP432-----			ZP432-----		Transmitting UHF oscillator.
WL433-----			WL433-----		Transmitting diode vacuum rectifier (obsolete).
ZP433-----			ZP433-----		Transmitting UHF triode.
GL434-----	N16-T-64340----		434A-----	434, ZP434-----	Obsolete, superseded by GL434A.
GL434A-----	N16-T-64345----		434A-----	434/434A-----	Transmitting UHF triode.
X434-----			X434-----		UHF measurement diode.
ZP434-----			434A-----		See 434A.
434-----			434A-----		See 434A.
434/434A-----			434A-----		See 434A.
434A-----	N16-T-64355----		434A-----	GL434A, 434/434A-----	Transmitting UHF triode.
WL435-----			40-----		
ZP435-----			ZP435-----		Transmitting UHF triode (obsolete).
GL436-----			2P436-----		See ZP436.
WL436-----			WL436-----		Transmitting diode gas rectifier (obsolete).
ZP436-----			ZP436-----	REL19-----	Transmitting UHF triode.
WL440-----			WL440-----		Triode amplifier.
440-----			40-----		See 40.
GL441-----	N16-T-64410----		GL441-----	CE61A/B, 59DV2-----	Vacuum phototube (blue sensitive).
WL441-----			2J32-----	441, K-O-----	See 2J32.
441-----			2J32-----		See 2J32.
GL442-----			GL442-----		Grid controlled gas rectifier.
WL442-----			2J21-----	D2RN1, P2, 442-----	See 2J21.
442-----			2J21-----		See 2J21.
WL443-----			706AY-----		See 706AY.

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WL444-----			WL444-----		Superseded by WL612.
444-----			39-----		See 39.
GL446-----			446-----		See 446.
GL446B-----			446B-----		See 446B.
446-----	N16-T-64459----		446-----	REL34, GL446, ZP620, A2179A	Obsolete, superseded by 446A and 446B.
446A-----	N16-T-64460----	E	446A-----	GL446A-----	Transmitting and receiving UHF triode amplifier (replace with 2C40).
446B-----	N16-T-64465----	D	446B-----	GL446B-----	Transmitting and receiving UHF triode amplifier oscillator (replace with 2C40).
ZP447-----			2B27-----	ZP447, REL35-----	See 2B27.
447-----			47-----		See 47.
ZP447-----			3C29-----		Transmitting UHF triode amplifier oscillator (obsolete, superseded by GL522, now the 3C22).
E450TH-----			450TH-----		See 450TH.
F450TH-----			450TH-----		See 450TH.
WL450-----			450TH-----		See 450TH.
450-----			50-----		See 50.
450T-----	N16-T-64485----	J	450T-----		Transmitting triode amplifier.
450TH-----	N16-T-64500----	M	450TH-----	WL450, E450TH, F450TH 3-450A4/450TH	Transmitting triode amplifier (nearest equivalent HK854H).
450TL-----	N16-T-64505----	J	450TL-----	3-450A2/450TL-----	Transmitting triode amplifier (nearest equivalent HK854L).
GL451-----			8020-----		See 8020.
ZP451-----			8020-----		See 8020.
451-----			8020-----	WL578, GL451, ZP451--	See 8020.
GL452-----			GL452-----		Transmitting triode amplifier (superseded by 892).
ZP453-----			5BP4-----		See 5BP4.
HK-454A-----	N16-T-64540----		HK-454A-----		Transmitting triode.
HK454C-----			HK454C-----		Transmitting triode amplifier.
HK454H-----			250TH-----		Transmitting triode amplifier (high Mu); see 250TH.
HK454L-----			250TL-----		Transmitting triode amplifier (low Mu); See 250TL.
C455-----			C455-----		Replace with 830B.
GL455-----			9LP7-----	ZP455-----	See 9LP7.
WL455-----			WL455-----		Therapy type triode (obsolete).
ZP455-----			9LP7-----	GL455-----	See 9LP7.
WL456-----			WL456-----		Diode vacuum rectifier.
456-----			56-----		See 56.
WL460-----	N16-T-64600----		WL460-----	HV18-----	See HF200-(Similar to FP252A, HF200, NU200).
X461-----			X461-----	2-240-----	High vacuum half-wave rectifier transmitting.
WL463-----			WL463-----		Therapy type HF triode (similar to C300, HF300).
GL464-----			2C44-----		See 2C44.
GL464A-----			2C43-----		See 2C43.
WL464-----			WL464-----		Type WL460, except MU is 60.
ZP464-----			2C43-----		See 2C43.
ZP464A-----			2C43-----		See 2C43.
464-----			2C43-----	GL464, ZP464-----	Obsolete, superseded by 464A. (See GL570).
464A-----	N16-T-64640----	F	2C43-----	ZP464A, GL464A-----	See 2C43.
466A-----			466A-----	466S-----	UHF Special purpose.
466S-----			466A-----		See 466A.
WL468-----	N16-T-64680----		WL468-----		Therapy type HF triode oscillator.
ZP468-----			7BP7-----		See 7BP7.
WL469-----			WL469-----	FP285-----	Therapy type HF triode (supersedes WL211).
ZP469-----			ZP469-----		Transmitting UHF triode (obsolete).
ZP470-----			316A-----		See 316A.
GL471-----			471-----	1321-----	Superseded by 471A (1B21A).
GL471A-----			471A-----	ZG471A, 1B21A-----	Gas switching tube (TR); see 471A.
WL471-----			8003-----		See 8003.
ZG471A-----			471A-----		See 471A.
471-----			471-----	1B21, GL471-----	Superseded by 471A(1B21A).
471A-----	N16-T-64710----	E	471A-----	1321A-----	Gas switching tube (TR)-Obsolete, no replacement needed. Break glass and leave air gap.
WL472-----			WL472-----		Therapy type triode oscillator.
WL473-----			WL473-----	WX3225-----	Small metal anode transmitting.
GL475-----			5FP7-----	1B12P7, ZP475-----	See 5FP7.
ZP475-----			5FP7-----		See 5FP7.

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QF477-----			QF477-----		Receiving dual electrometer-subminiature
WL477R-----			477R-----		See 477R.
ZP477-----			12DP8-----	REL25-----	See 12DP8.
477R-----			477R-----	WL477R-----	Transmitting VHF tetrode power amplifier-Forced air cooled.
WL478R-----			478R-----		See 478R.
478R-----			478R-----	WL478R-----	Transmitting VHF tetrode power amplifier-Forced air cooled.
WL479R-----			479R-----		See 479R.
479R-----			479R-----	WL479R-----	Transmitting VHF tetrode power amplifier-Forced air cooled.
ZP480-----			5BP1-----		See 5BP1.
480-----			80-----		See 80.
GL481-----			GL481-----	ZA481-----	Diode gas switching tube (obsolete).
ZA481-----			GL491-----		See GL481.
481-----			81-----		See 81.
482-----			82-----		See 82.
482A-----			482A-----		Receiving power amplifier triode (nearest equivalent 71A).
482B-----			182B/482B-----	182B-----	See 182B/482B.
GL483-----			483-----		See 483.
483-----			483-----	GL483, 193/493-----	Special 851, subsequently dropped in favor of 851.
GL484-----			3J24-----		See 3J24.
ZP484-----			3J24-----		See 3J24.
484-----			3J24-----	ZP484, GL484-----	See 3J24.
GL485-----			3J25-----	ZP485, GL485-----	See 3J25.
ZP485-----			3J25-----		See 3J25.
485-----			485-----		Receiving triode amplifier detector (obsolete).
GL486-----			3J26-----		See 3J26.
ZP486-----			3J26-----		See 3J26.
486-----			3J26-----	ZP486, GL486-----	See 3J26.
GL488-----			12GP7-----		See 12GP7.
WL488-----			WL488-----		Triode vacuum control tube.
ZP488-----			12GP7-----		See 12GP7.
488-----			12GP7-----	GL488, ZP488-----	See 12GP7.
ZC489-----			ZC489-----		Grid controlled gas rectifier (obsolete).
QF491-----			QF491-----		Receiving dual electrometer-subminiature
498-----			498-----		Transmitting triode-(509 characteristics).
GL500-----			GL500-----		Phototube.
CK501-----			CK501-----		Receiving pentode voltage amplifier.
CK501AX-----	N16-T-64990----		CK501AX-----		Hearing aid type pentode.
CK501LX-----	N16-T-65000----		CK501LX-----		Resistance coupled pentode amplifier.
CK501X-----			CK501X-----		Hearing aid pentode (with tinned leads).
SS501-----	N16-T-65010----	D	SS501-----	R706-----	U-shaped argon filled control tube.
501A-----			01A-----		See 01A.
CK502-----			CK502-----		Hearing aid type pentode amplifier with base (discontinued).
CK-502A-----	N16-T-65014----		CK502A-----		Subminiature pentode.
CK502AX-----	N16-T-65016----		2E35-----		See 2E35.
GL502-----			GL502-----	ZP502-----	Grid controlled gas rectifier. (See GL502A.)
GL502A-----	N16-T-65020----		GL502A-----	502A-----	Grid controlled gas rectifier (metal version of 2050).
QMS02-----			5757-----		See 5757.
SS502-----			SS502-----	K7610-----	Gas filled discharge tube.
ZP502-----			GL502-----		See GL502.
502A-----			GL502A-----		See GL502A.
502AX-----			2E35-----		See 2E35.
502AY-----			2E36-----		See 2E36.
CK503-----			CK503-----		Hearing aid type pentode amplifier with base (discontinued).
CK503AX-----	N16-T-65030----		CK503AX-----		Hearing aid type pentode amplifier.
CK503X-----			CK503X-----		Hearing aid type pentode (with tinned leads) (discontinued).
VR-503-----	N16-T-65039----		VR-503-----		British tube.
CK504-----			CK504-----		Hearing aid type pentode amplifier (discontinued).
CK504AX-----			CK504AX-----		Hearing aid type pentode amplifier.
CK504X-----			CK504X-----		Hearing aid type pentode amplifier (discontinued).
VU504-----	N16-T-65045----		VU504-----	10E/150, V1901-----	Transmitting diode rectifier (British).
CK505-----			CK505-----		Hearing aid type pentode amplifier (discontinued).

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CK505AX-----	N16-T-65050----		CK505AX-----		Hearing aid type pentode amplifier.
CK505X-----			CK505X-----		Hearing aid type pentode amplifier (discontinued).
DRH505-----			505-----		See 505.
GL505-----			3J35-----		See 3J35.
505-----			2J45, 2J46, 2J47	DRH505-----	See 2J45, 2J46, 2J47.
CK506AX-----	N16-T-65051----		CK506AX-----		Hearing aid type pentode amplifier.
GL506-----			GL506-----		Diode gas rectifier (ignitron).
506-----			506-----		Diode gas rectifier (ignitron).
CK507AX-----	N16-T-65052----		CK507AX-----		Hearing aid type pentode amplifier.
RH507-----	N16-T-65070----		RH507-----		Triode voltage amplifier (electronometer tube).
VI507-----	N16-T-65071----		VI507-----	REL21, 10E/467-----	Spark gap tube for SCR-583.
508-----			508-----		Transmitting triode.
CK507AX-----	N16-T-65072----		CK507AX-----		Hearing aid type triode amplifier.
GL509-----			889-----		Superseded by 889; see 889.
GL509R-----			889R-----		Superseded by 889R; see 889R.
P509-----			P509-----		Gaseous glow tube.
CK510AX-----	N16-T-65100----		CK510AX-----		Hearing aid type twin tetrode amplifier.
GL510-----			857B-----		Superseded by 857B; see 857B.
CK-511X-----	N16-T-65110----		CK-511X-----		Subminiature receiving tube.
CK512AX-----	N16-T-65112----		CK512AX-----		Receiving subminiature power pentode.
GL512-----			575A-----		See 575A.
GL512A-----			575A-----		See 575A.
512-----			575A-----	575, UE975A, F375A, GL512, WL575A	Transmitting gas rectifier (obsolete; see 575A).
CK-515BX-----	N16-T-65147----		CK-515BX-----		Subminiature receiving tube.
GL515-----	N16-T-65150----		GL515-----		Grid controlled gas rectifier modulator (obsolete, superseded by 4C35).
GL516-----			1P24-----		See 1P24.
VCR516-----			12DP7-----		See 12DP7.
ZJ516-----			936-----		See 936.
ZP516-----			1P24-----		See 1P24.
516-----			1P24-----	ZP516, GL516, 936, GL564, C7063	See 1P24.
DE0517-----			FG17-----		See FG17.
DG0517-----			FG17-----		See FG17.
0517-----			FG17-----	DE0517, DG0517, 4260, 38217	See FG17.
ZP517-----			5CP1-----		See 5CP1.
CK518AX-----	N16-T-65180----		CK518AX-----		Receiving subminiature hearing aid output pentode.
ZP518-----			5CP4-----		See 5CP4.
CK520AX-----			CK520AX-----		Receiving subminiature power amplifier pentode.
GL520B-----			520B-----		See 520B.
520B-----			520B-----	GL520B-----	Transmitting RF power amplifier oscillator (obsolete).
CK521CX-----			CK521CX-----		Receiving subminiature output pentode.
DRJ521-----			DRJ521-----		Receiving interstage amplifier (obsolete).
CK522AX-----	N16-T-65220----		CK522AX-----		Receiving subminiature hearing aid output pentode.
GL522-----			3C22-----		See 3C22.
ZP522-----			3C22-----		See 3C22.
522-----			3C22-----	ZP522, GL522-----	See 3C22.
CK523AX-----	N16-T-65224----		CK523AX-----		Receiving subminiature hearing aid output pentode.
WL523A-----			WL523A-----		
CK524AX-----	N16-T-65234----		CK524AX-----		Receiving subminiature hearing aid output pentode.
RJ524-----	N16-T-65240----		RJ524-----		Non-microphonic amplifier (obsolete).
CK525AX-----	N16-T-65250----		CK525AX-----		Receiving subminiature hearing aid output pentode.
WL525-----			304TL-----		See 304TL.
525-----			304TL-----	WL525-----	See 304TL.
CK526AX-----	N16-T-65260----		CK526AX-----		Receiving subminiature hearing aid output pentode.
RJ526-----			RJ526-----		Triode vacuum control tube.
ZP526-----			3DP1-----		See 3DP1.
CK527AX-----			CK527AX-----		Receiving subminiature hearing aid power amplifier pentode.
ZP527-----			6C21-----	1000 Spec-----	See 6C21.
527-----	N16-T-65270----	B	527-----	3-300G4/527-----	Transmitting UHF triode oscillator.
527A-----			527A-----	3-300G4/527-----	Transmitting UHF triode oscillator.
CK528AX-----			CK528AX-----		Receiving subminiature hearing aid pentode.

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DRJ528-----			DRJ528-----		Low filament current amplifier (obsolete).
CK529AX-----			CK529AX-----		Receiving subminiature hearing aid pentode.
GL529-----			4C35-----		See 4C35.
ZG529-----			4C35-----	ZG529, H350, R6210A, GL529	See 4C35.
WL530-----			530-----		See 530.
ZG530-----			1B30-----		See 1B30.
530-----	N16-T-65300----	F	530-----	WL530-----	Transmitting triode amplifier-Water cooled.
530A-----	N16-T-65305----		530A-----		Transmitting.
GL531-----			GL531-----	ZG531-----	Diode gap.
WL531-----			531-----		See 531.
ZG531-----			GL531-----		See GL53.
531-----	N16-T-65310----		531-----	WL531-----	Transmitting diode vacuum rectifier.
GL532-----			532-----		See 532.
GL532A-----			1B32/532A-----		See 1B32/532A.
WL532-----			532-----		See 532.
WL532A-----			1B32/532A-----		See 1B32/532A.
ZG532-----			532-----		See 532.
532-----	N16-T-65320----		532-----	GA5A, ZG532, WL532, GL532, GA4, GA5	Diode gas switching tube (replace with 1B32/532A).
532A-----			1B32/532A-----	WL532A, GL532A, GA5--	See 1B32/532A.
WL533-----			WL533-----		UHF triode, similar to VT98 (Br.).
CK534AX-----			CK534AX-----		Receiving subminiature pentode.
GL534-----			24154-----		See 24154.
WL534-----			VT127A-----	127A, 534, 100TS--	Transmitting UHF triode; see VT127A.
WL534A-----			534A-----		See 534A.
534-----			VT127A-----		See VT127A.
534A-----	N16-T-65340----		534A-----	WL534A-----	Transmitting UHF triode.
WL535-----			304TH-----		See 304TH.
535-----			304TH-----	WL535-----	See 304TH.
WL536-----			536-----		See 536.
536-----			536-----	VT31 (Br.), WL536, CV1031	Transmitting tetrode.
WL537-----			537-----		See 537.
537-----			537-----	VT114 (Br.), WL537--	Transmitting HF tetrode.
WL538-----			VT90 (Br.)/8011-----		See VT90 (Br.)/8011.
538-----			VT90 (Br.)/8011-----	710A, 8011, WL538--	See VT90 (Br.)/8011.
WL539-----			539-----		See 539.
WL539A-----			539A-----		See 539A.
539-----			539-----	WL539-----	Diode gas switching tube.
539A-----			539A-----	WL539A, 1B39-----	Diode gas switching tube.
ZP540-----			3FP7-----		See 3FP7.
GL541-----			541-----		See 541.
ZG541-----			541-----		See 541.
541-----	N16-T-65410----		541-----	GL541, ZG541-----	Diode gas switching tube.
ZP542-----			3HP7-----		See 3HP7.
RJ544-----			RJ544-----		Triode vacuum control tube (obsolete).
GL546-----	N16-T-65460----		GL546-----		Miniature type gas thyatron.
RJ547-----			RJ547-----	PJ2-----	Non-microphonic triode amplifier.
ZG547-----			3C45-----	H45-----	See 3C45.
ZP548-----			12FP7-----		See 12FP7.
ZP549-----			9GP7-----		See 9GP7.
RJ550-----			RJ550-----		Triode vacuum control tube.
CK-551AXA-----	N16-T-65510----		CK551AXA-----		Receiving (miniature Raytheon).
DRJ551-----			DRJ551-----		Triode vacuum control tube (obsolete).
RJ551-----			RJ551-----		Triode vacuum control tube (obsolete).
551-----			35-----		See 35.
551AX-----			2E41-----		See 2E41.
551AY-----			2E42-----		See 2E42.
551S-----			35S/51S-----		See 35S/51S.
CK-553AXA-----	N16-T-65530----		CK-553AXA-----		Receiving (miniature Raytheon).
GL553-----			1P23-----		See 1P23.
RJ553-----			RJ553-----		Triode vacuum control tube.
553AX-----			2E31-----		See 2E31.
553AY-----			2E32-----		See 2E32.
DRJ555-----			DRJ555-----		Oscillator and current amplifier (obsolete).
555AX-----			2G21-----		See 2G21.
555AY-----			2G22-----		See 2G22.
CK556AX-----	N16-T-65560----		5676-----		See 5676.
ZP556-----			4AP10-----	C7516B-----	See 4AP10.
RJ557-----					(Obsolete).
DRJ559-----			DRJ559-----		Low grid current amplifier (obsolete).
GL559-----			559-----		See 559.

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559-----	N16-T-65590----	F	559-----	GL559-----	Transmitting and receiving UHF diode detector (similar to 2B22). Current amplifier (obsolete). See 562.
DRJ562-----			DRJ562-----		Transmitting vacuum rectifier-Water cooled.
GL562-----			562-----	F660, GL562----	Triode vacuum control tube. See 1P24.
562-----			562-----		Phototube. See 5677.
RJ563-----			RJ563-----		Subminiature receiving pentode. See 5678.
GL564-----			1P24-----	936, C7063, ZP516----	Grid controlled gas rectifier modulator; see 5C22.
ZJ566-----				7516B-----	Subminiature electrometer tube. See 2C44 (GL570 was the amplifier version of 464).
CK568AX-----	N16-T-65630----		5677-----		See 2C44.
CK-569AX-----	N16-T-65640----		5678-----		Receiving subminiature.
CK569CX-----			5678-----		Receiving subminiature electrometer pentode.
ZG569-----			5C22-----	GK50, H1000, R6243----	Tetrode voltage amplifier. See RJ571.
CK570AX-----	N16-T-65700----		CK570AX-----		See 2C39.
GL570-----			2C44-----	464, ZP570----	Low grid current amplifier (obsolete). See 2C39.
ZP570-----			2C44-----		See 2C39.
CK-571A-----	N16-T-65708----		CK-571A-----		See 2C39.
CK571AX-----	N16-T-65710----		CK571AX-----		Receiving subminiature triode oscillator See PJ2.
RJ571-----			RJ571-----	WL571-----	See 575A.
WL571-----			RJ571-----		See 575A.
CL572-----			2C39-----		See 575A.
DRJ572-----			DRJ572-----		See 575A.
GL572-----			2C39-----	ZG572, ZP572----	Daforest. (See 375A, 575A.)
ZG572-----			2C39-----		Transmitting diode gas rectifier. See 577.
ZP572-----			2C39-----	CL572-----	Voltage regulator. See 577.
573AX-----			573AX-----		Receiving multi-element UHF oscillator. See 8020.
RJ574-----					See 5J29.
AW575A-----			575A-----		See 5J29.
EE575A-----			575A-----		See 5J29.
WL575A-----			575A-----		See 5J29.
575-----			575-----	UE975A, F375A, GL512A.	Diode vacuum rectifier. See 5J29.
575A-----	N16-T-65750----	M	575A-----	WL575A, AW575A, EE575A	See REL16.
GL577-----			577-----		Receiving diode vacuum rectifier (obsolete).
WL577-----	N16-T-65770----		WL577-----		Transmitting diode vacuum rectifier (obsolete).
ZP577-----			577-----	GL577, ZP577----	See 5J31.
577-----			8020-----		See 5J31.
WL578-----			8020-----	GL451, WL578, 100R----	See 5J31.
578-----			5J29-----		See 5J31.
F579-----			5J29-----		Diode vacuum rectifier. See 5J29.
GL579-----			5J29-----		See 5J29.
WL579-----			WL579B-----	WL579, 579B----	See REL16.
WL579B-----	N16-T-65790----		WL579B-----	GL579, ZP579/19F4----	See WL579B.
ZP579-----			5J29-----		Receiving diode vacuum rectifier (obsolete).
ZP579/19F4-----			5J29-----		Transmitting diode vacuum rectifier (obsolete).
579-----			REL16-----		See 5J31.
579B-----			WL579B-----		See 5J31.
DRO580-----			DRO580-----		Diode vacuum rectifier. See 50.
R0581-----			R0581-----		Receiving duodiode vacuum rectifier (obsolete).
F584-----			5J31-----		See 50.
GL584-----			5J31-----		Receiving duodiode vacuum rectifier (obsolete).
ZP584-----			5J31-----	ZP584, GL584----	Transmitting diode vacuum rectifier. See 5J30.
584-----			5J31-----		See 5J30.
R0585-----	N16-T-65850----		R0585-----		See 5J30.
585-----			50-----		Transmitting UHF triode.
R0586-----			R0586-----		Triode power amplifier oscillator. See ZP594.
586-----			50-----		Transmitting UHF oscillator-Magnetron. See ZP595.
R0587-----			R0587-----		Transmitting UHF oscillator-Magnetron. See ZP597.
DRO588-----			DRO588-----		
F590-----			5J30-----		
GL590-----			5J30-----		
RC590-----			5J30-----	GL590-----	
ZP590-----			5J30-----		
GL592-----			GL592-----		
592-----			592-----		
GL594-----			ZP594-----		
ZP594-----	N16-T-65940----		ZP594-----	GL594-----	
GL595-----			ZP595-----		
ZP595-----			ZP595-----	GL595-----	
GL597-----			ZP597-----		

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ZP597-----			ZP597-----	GL597-----	Transmitting UHF oscillator-Magnetron.
GL598-----			ZP598-----		See ZP598.
ZP598-----			ZP598-----	GL598-----	Transmitting UHF oscillator-Magnetron.
GL599-----			ZP599-----		See ZP599.
ZP599-----	N16-T-65990----		ZP599-----	GL599-----	Transmitting UHF oscillator-Magnetron.
CK600AX-----	N16-T-66005----		CK600AX-----		Receiving subminiature hearing aid triode UHF oscillator.
F600N-----			6C22-----		See 6C22.
L600-----			6C22-----		See 6C22.
L600N-----			6C22-----	L-600, F-600N-----	See 6C22.
NL600-----			NL600-----		Diode gas rectifier (similar to EL-10).
ZP600-----			ZP600-----		Transmitting UHF oscillator.
601-----			601-----		Neon lamp for Deforest television kit (obsolete).
CK602-----	N16-T-66020----		CK602-----		Receiving UHF pentode amplifier.
NL602-----			NL602-----		Diode gas rectifier (similar to CE200).
ZP602-----			2C41-----		See 2C41.
602-----			602-----		Phototube for Deforest television kit (obsolete).
CK603-----			CK603-----		Receiving medium mu triode.
CK604A-----	N16-T-66045----		CK604A-----		Receiving subminiature pentode RF amplifier.
NL604-----			NL604-----		Diode gas rectifier (similar to 4B24).
604A-----			CW10-----		See CW10.
CK605CX-----	N16-T-66055----		5702-----		Receiving subminiature remote cut-off pentode.
GL605-----			GL605-----	NL101-----	Large transmitting.
KI605-----			KI605-----		Diode gas rectifier (obsolete).
CK606BX-----	N16-T-66065----		5704-----		Receiving subminiature diode.
F606-----			F606-----		Diode vacuum rectifier (similar to KC4).
CK609CX-----	N16-T-66085----		5703-----		Receiving subminiature triode.
WL608-----			WL608-----		Diode vacuum rectifier.
KU610-----	N16-T-66145----		KU610-----		Grid controlled gas rectifier.
ZG610-----			1B44-----		See 1B44.
610-----			5811-----		See 5811.
CK611-----			6N4-----		See 6N4.
CK612-----			6AN5-----		See 6AN5.
R612G-----			2X2A-----		See 2X2A.
WL612-----			WL612-----		Diode vacuum rectifier.
ZP612-----			6J21-----		Transmitting UHF oscillator-Magnetron.
WL613-----			WL613-----		See 6J21.
WL614-----			WL614-----		Diode vacuum rectifier.
ZP614-----			ZP614-----		Diode vacuum rectifier.
GL615-----			ZP615-----		Transmitting UHF oscillator.
HY615-----			615-----		See ZP615.
NL615-----			NL615-----	CE213-----	See 615.
NU615-----			615-----		Diode gas rectifier.
WL615-----			WL615-----		See 615.
ZP615-----			ZP615-----	GL615-----	Vacuum control tube.
615-----	N16-T-66150----	E	615-----	NU615, HY615-----	Vacuum control tube.
WL616-----			KC4-----	WL616-----	Transmitting UHF oscillator-Magnetron.
ZP616-----	N16-T-66160----		ZP616-----		Transmitting UHF oscillator-Magnetron.
NL617-----			NL617-----		Diode gas rectifier.
KU618-----			KU618-----		Grid controlled gas rectifier (cold cathode).
CK619-----			5744-----		See 5744.
CK619CX-----	N16-T-66190----		5744-----		See 5744.
WL619-----			WL619-----	WX3260-----	Transmitting-Air cooled.
ZP620-----			2C40-----		See 2C40.
KU621-----			KU621-----		Grid controlled gas rectifier.
ZG621-----			1B52-----		See 1B52.
NL623-----			NL623-----	CE203-----	Diode gas rectifier (similar to RX120A).
WL624-----			WL624-----		Grid controlled gas rectifier.
NL625-----			NL625-----	CE202-----	Diode gas rectifier.
ZG625-----			1B55-----		See 1B55.
ZG626-----			1B35-----		See 1B35.
KU627-----	N16-T-66270----		KU627-----	CE309, 627-----	Grid controlled gas rectifier. (Similar to CE309.)
NL627-----			NL627-----	RX212-----	Diode gas rectifier.
ZG627-----			1B36-----		See 1B36.
627-----			KU627-----		See KU627.
KU628-----	N16-T-66280----		KU628-----		Grid controlled gas rectifier.
WL629-----	N16-T-66290----		WL629-----	RCA885, 629-----	Grid controlled gas rectifier. (Similar to GL885).



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ZG629-----			1B37-----		See 1B37.
629-----			WL629-----		See WL629.
WL630-----	N16-T-66300----		WL630-----	730, WL630A-----	Tetrode (obsolete) replace with 2050.
WL630A-----			WL630-----		See WL630.
WL631-----			FG57-----	5559, 5559/FG57-----	See FG57.
631A-----			805-----		See 805.
631P1-----	N16-T-66310----	D	631P1-----	R4100, 1D21/631P1-----	Cold cathode neon discharge tube.
WL632-----			632-----		See 632.
WL632A-----			632A-----		See 632A.
632-----			632-----	WL632, FG95, 5560, 5560/FG95	Obsolete, superseded by 632A.
632A-----	N16-T-66320----		632A-----	WL632A-----	Grid controlled gas rectifier.
KU634-----			KU634-----		Grid controlled gas rectifier (obsolete)
KU636-----	N16-T-66360----		KU636-----		Grid controlled gas rectifier.
KU637-----			KU637-----		Cold cathode diode gas rectifier (obsolete).
KX642-----	N16-T-66420----		KX642-----	WL642-----	Triode voltage arrester (protector tube)
WL642-----			KX642-----		See KX642.
HK645-----			HK645-----		Transmitting triode amplifier.
ZG645-----			1B38-----		See 1B38.
ZP646-----			5J32-----		See 5J32.
Z647-----			Z647-----		Transmitting, UHF oscillator (magnetron)
648P1-----	N16-T-66430----		648P1-----		Cold cathode neon discharge tube.
NL649-----			NL649-----		Half wave mercury rectifier.
ZP650-----			2B23-----		See 2B23.
SC651-----			7AB7/1204-----		See 7AB7/1204.
WL651-----			FG235A-----	WL651/656-----	Diode gas rectifier (ignitron).
WL651/656-----			5552-----	FG235A, 5552/FG235A-----	See 5552.
WL652-----			5551-----	FG271, WL652/657, 5551, 5551/FG271	See 5551.
WL652/657-----			5551-----		See 5551.
652/657-----	N16-T-66520----		5551-----	WL652, 5551/FG271	See 5551.
NL653-----			NL653-----		Rectifier, mercury vapor.
WL653/659-----			5553-----		See 5553.
WL653B-----			5555-----	FG238B, 5555/FG238B-----	See 5555.
653B-----			9004-----		See 9004.
HK654-----	N16-T-66540----		HK654-----		Transmitting triode.
WL654-----			WL654/659-----		Diode gas rectifier (ignitron).
WL654/659-----			WL654/659-----	WL654-----	Diode gas rectifier (ignitron).
WL655-----	N16-T-66550----		5553-----	FG238A, WL655/658, 5553/FG238A	See 5553.
WL655/658-----			5553-----		See 5553.
655B-----			CW10-----	REL10, 6048, 604A-----	See CW10.
WL656-----	N16-T-66560----		5552-----	FG235A, 5552/FG235A-----	See 5552.
WL657-----			5551-----	FG271, WL652/657, 5551/FG271	See 5551.
WL659-----			5553-----	FG259A, WL653/659, 5553/FG238A	See 5553.
WL659-----			WL654/659-----	FG259B-----	Diode gas rectifier (ignitron).
WL660-----			WL660-----		Diode vacuum rectifier.
660-----	N16-T-66600----		660-----		Vacuum rectifier.
F661-----			F661-----		Transmitting triode (similar to 893).
DKI662-----			DKI662-----		Diode gas rectifier (obsolete).
KI663-----			KI663-----		Duodiode gas rectifier.
KI664-----			KI664-----		Duodiode gas rectifier (obsolete).
DKI665-----			DKI665-----		Diode gas rectifier (obsolete).
KI666-----			KI666-----		Duodiode gas rectifier (obsolete).
Z666-----	N16-T-66660----		Z666-----		Capacitance loaded 5J30 for lower frequency operation-Obsolete-Equipment modified to use 5J32.
ZP666-----			ZP666-----		Transmitting UHF oscillator.
WL669-----			WL669-----		Duodiode gas rectifier (obsolete).
WL670-----			WL670-----		Duodiode gas rectifier (obsolete).
WL670A-----			4B25-----	WX3072-----	See 4B25.
KU671-----			KU671-----		Grid controlled gas rectifier (obsolete)
WL672-----			WL672-----	WX3172, 672-----	Small transmitting.
672A-----			672A-----		Grid controlled rectifier, tetrode.
SD673D-----			1205-----		See 1205.
673-----	N16-T-66667----		673-----		Diode gas rectifier.
WL674-----			WL674-----	831-----	Transmitting triode amplifier.
F675-----					
L675-----					
WL675-----			WL675-----		Transmitting triode amplifier (obsolete)
Z675-----	N16-T-66750----			L675, F675-----	Transmitting UHF oscillator-CW magnetron. Supersedes 5J29.
KU676-----	N16-T-66760----		676-----	WX3141, WL676-----	Grid controlled gas rectifier.
WL676-----			676-----		See 676.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
Z676-----			5J32-----		See 5J32.
ZP676-----	N16-T-66765----		5J33-----		See 5J33.
676-----	N16-T-66760----		676-----	WX3141, WL676, KU676-	Grid controlled gas rectifier.
WL677-----	N16-T-66770----		WL677-----	677-----	Grid controlled gas rectifier.
677-----			WL677-----		See WL677.
WL678-----	N16-T-66790----		WL678-----		Grid controlled gas rectifier.
WL679-----			5554-----	FG-259B, 5554/259B----	See 5554.
ZP679-----	N16-T-66790----		ZP679-----		Water-cooled triode.
WL690-----			WL690-----		Transmitting triode amplifier (obsolete). Superseded by 8J5).
WL691-----			5550-----	GL415, WL696, 5550/ GL415, WL691/686	Diode gas rectifier (ignitron).
WL-691/696----	N16-T-66910----		5550-----	WL691, GL415, 5550/GL415	Diode gas rectifier (ignitron).
WL682-----			WL682-----	WX3194-----	Diode gas rectifier (ignitron).
Z682-----			2C49-----		See 2C49.
G693-----			5B21-----	2172B3-----	See 5B21.
WL686-----			5550-----	GL415, WL691/686, 5550/ GL415	Diode gas rectifier (ignitron).
ZP693-----	N16-T-66930----		ZP693-----		Receiving subminiature.
SD698C-----			1207-----		See 1207.
Z698-----	N16-T-66980----		Z698-----	X-6044-----	Gas switching tube (TR).
WE700A-----			700A-----		See 700A.
WE700B-----			700B-----		See 700B.
WE700C-----			700C-----		See 700C.
WE700D-----			700D-----		See 700D.
700A-----	N16-T-67000----	A	700A-----	WE700A-----	Transmitting UHF oscillator-Magnetron (replace with 4J42).
700B-----	N16-T-67001----	F	700B-----	WE700B-----	Transmitting UHF oscillator-Magnetron (replace with 4J42).
700C-----	N16-T-67002----	D	700C-----	WE700C-----	Transmitting UHF oscillator-Magnetron (replace with 4J42).
700D-----	N16-T-67003----	E	700D-----	WE700D-----	Transmitting UHF oscillator-Magnetron (replace with 4J42).
700T-----			4J42-----	1440M-----	Magnetron; see 4J42.
CE701-----			CE701-----		Lead sulphide phototube.
WE701A-----			701A-----		See 701A.
701A-----	N16-T-67011----	G	701A-----	WE701A-----	Transmitting UHF tetrode amplifier.
CE702-----			CE702-----		Lead sulphide phototube.
WE702A-----			702A-----		See 702A.
702A-----	N16-T-67012----	D	702A-----	WE702A-----	Three electrode gas switching tube (obsolete).
702B-----	N16-T-67012-5--		702B-----		Improved 702A.
WE703A-----			369AS/703A-----		See 369AS/703A.
703A-----	N16-T-67013----	F	369AS/703A-----	WE703A, D159764----	Transmitting UHF triode amplifier con- verter oscillator (similar to 363A and 369AS).
WE704A-----			704A-----		See 704A.
704A-----	N16-T-67014----	E	704A-----	WE704A, D159765, 225TQ----	Receiving miniature type UHF diode detector.
CK705-----			CK705-----		Crystal diode similar to IN34.
RK705A-----			705A-----		See 705A.
WE705A-----			705A-----		See 705A.
705A-----	N16-T-67015----	H	705A-----	WE705A, D159780, RK705A 8021, 378A	Transmitting diode vacuum rectifier.
R706-----			SS501-----		See SS501.
SD706-----			7G8-----		See 7G8.
WE706A-----			706A-----		See 706A.
WE706AY-----			706AY-----		See 706AY.
WE706BY-----			706GY-----		See 706GY.
WE706C-----			706C-----		See 706C.
WE706CY-----			706CY-----		See 706CY.
WE706D-----			706D-----		See 706D.
WE706DY-----			706DY-----		See 706DY.
WE706EY-----			706EY-----		See 706EY.
WE706FY-----			706FY-----		See 706FY.
WL706-----			WL706-----		Voltage regulator (obsolete).
706A-----	N16-T-67017----	E	706A-----	WE706A-----	Transmitting UHF oscillator-Magnetron (obsolete).
706AY-----	N16-T-67021----	E	706AY-----	WE706AY, WL443-----	Transmitting UHF oscillator-Magnetron (replace with 2J61).
706B-----	N16-T-67021-10-	E	706B-----	WE706B-----	Transmitting UHF oscillator-Magnetron (obsolete).
706BY-----	N16-T-67022----	E	706BY-----	WE706BY, WL443-----	Transmitting UHF oscillator-Magnetron (replace with 2J61).
706C-----	N16-T-67022-10-	E	706C-----	WE706C-----	Transmitting UHF oscillator-Magnetron (obsolete).

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
706CY-----	N16-T-67023----	E	706CY-----	WE706CY, WL443-----	Transmitting UHF oscillator-Magnetron (replace with 2J61).
706D-----	N16-T-67023-10-		706D-----	WE706D-----	Transmitting UHF oscillator-Magnetron (obsolete).
706DY-----	N16-T-67024----	B	706DY-----	WE706DY, WL443-----	Transmitting UHF oscillator-Magnetron (replace with 2J61 or 2J62).
706E-----	N16-T-67024-10-		706EY-----	-----	Magnetron.
706EY-----	N16-T-67025----	D	706EY-----	WE706EY, WL443-----	Transmitting UHF oscillator-Magnetron (replace with 2J62).
706FY-----	N16-T-67026----	F	706FY-----	WE706FY, WL443-----	Transmitting UHF oscillator-Magnetron (replace with 2J62).
706GY-----	N16-T-67027----	F	706GY-----	WE706GY, WL443-----	Transmitting UHF oscillator-Magnetron (replace with 2J62).
706T1-----			2J61-----	-----	Transmitting UHF oscillator-Magnetron.
CK707-----			CK707-----	-----	Crystal diode similar to IN63.
WE707A-----			707A-----	-----	See 707A.
WE707B-----			707B-----	-----	See 707B.
707A-----	N16-T-67031----	D	707A-----	WE707A-----	Velocity variation UHF oscillator-Obsolete-Superseded by 707B.
707B-----	N16-T-67032----	F	707B-----	QK26, WE707B-----	Velocity variation UHF oscillator (usually replaceable by 2K28).
CK708-----			CK708-----	-----	Crystal diode similar to IN38.
WE708A-----			708A-----	-----	See 708A.
708A-----	N16-T-67041----	D	708A-----	WE708A-----	Receiving UHF triode amplifier converter (similar to 1272Y).
WE709A-----			709A-----	-----	See 709A.
709A-----	N16-T-67051----	D	709A-----	WE709A-----	Three-electrode gas switching tube.
NL710-----			NL710-----	-----	Grid controlled rectifier (similar to C3J).
WE710A-----			VT90(Br.)/8011-	-----	See VT90(Br.)/8011.
WL710-----			WL710-----	-----	Ballast tube.
WL710A-----			VT90(Br.)/8011-	-----	See VT90(Br.)/8011.
WL710Y-----			WL710Y-----	-----	Gas-current regulator.
WL710Z-----	N16-T-67070----		WL710Z-----	-----	Gas-current regulator.
710A-----			VT90 (Br.)/8011	WE710A, WL538-----	See VT90 (Br.)/8011.
WE711A-----			711A-----	-----	See 711A.
WL711-----			WL711-----	-----	Current regulator (ballast).
WL711Y-----			WL711Y-----	-----	Current regulator (ballast).
711A-----			711A-----	WE711A-----	Oscillator (British).
WE712A-----			712A-----	-----	See 712A.
WL712X-----			WL712X-----	-----	Ballast tube.
WL712Y-----			WL712Y-----	-----	Ballast tube.
712A-----			712A-----	WE712A-----	Superseded by 707A.
712Y-----	N16-T-67103----		712Y-----	-----	Ballast.
WE713A-----			713A-----	-----	See 713A.
713A-----	N16-T-67113----	F	713A-----	WE713A-----	Receiving pentode amplifier (similar to 717A).
J-714-----			2J22-----	-----	See 2J22.
NL714-----			NL714-----	-----	Grid controlled rectifier (similar to FG17).
WE714A-----			714A-----	-----	See 714A.
WE714AY-----			714AY-----	-----	See 714AY.
714-----			2J22-----	-----	See 2J22.
714A-----	N16-T-67123----	E	714A-----	WE714A-----	Transmitting UHF oscillator-Magnetron.
714AY-----	N16-T-67124----	E	714AY-----	WE714AY-----	Transmitting UHF oscillator-Magnetron.
NL715-----			FG17-----	CE309, 5557-----	See FG17.
WE715A-----			715A-----	-----	See 715A.
WE715B-----			715B-----	-----	See 715B.
WE715C-----			715C-----	-----	See 715C.
WL715-----			WL715-----	-----	Neon glow lamp.
715A-----	N16-T-67130----	E	715A-----	WE715A-----	Obsolete-Superseded by 715B and 715C.
715B-----	N16-T-67131----	E	715B-----	WE715B-----	Transmitting pulse modulator tetrode-Superseded by 715C.
715C-----	N16-T-67132----	D	715C-----	WE715C-----	Improved type 715B-Similar to 5D21.
WE716A-----			716A-----	-----	See 716A.
716A-----			716A-----	WE716A-----	Superseded by 722A.
WE717A-----			717A-----	-----	See 717A.
717A-----	N16-T-67140----	J	717A-----	WE717A-----	Receiving pentode amplifier oscillator.
WE718A-----			718A-----	-----	See 718A.
WE718AY-----			718AY-----	-----	See 718AY.
WE718B-----			718B-----	-----	See 718B.
WE718BY-----			718BY-----	-----	See 718BY.
WE718C-----			718C-----	-----	See 718C.
WE718CY-----			718CY-----	-----	See 718CY.
WE718D-----			718D-----	-----	See 718D.
WE718DY-----			718DY-----	-----	See 718DY.
WE718E-----			718E-----	-----	See 718E.

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WE718EY----- 718A-----			718EY----- 718A-----		See 718EY. Transmitting UHF oscillator-Magnetron (obsolete).
718AY----- 718B-----	N16-T-67150----		718AY----- 718B-----	WE718A----- WE719A-----	Transmitting UHF oscillator-Magnetron (obsolete). Transmitting UHF oscillator-Magnetron (obsolete).
718BY----- 718C-----	N16-T-67151----		718BY----- 718C-----	WE718BY----- WE719C-----	Transmitting UHF oscillator-Magnetron (obsolete). Transmitting UHF oscillator-Magnetron (obsolete).
718CY----- 718D-----	N16-T-67152----		718CY----- 718D-----	WE718CY----- WE719D-----	Transmitting UHF oscillator-Magnetron (obsolete). Transmitting UHF oscillator-Magnetron (obsolete).
718DY----- 718E-----	N16-T-67153----		718DY----- 718E-----	WE718DY----- WE719E-----	Transmitting UHF oscillator-Magnetron (obsolete). Transmitting UHF oscillator-Magnetron (obsolete).
718EY----- SD719----- WE719A----- 719A----- WE720A----- WE720AY----- WE720B----- WE720BY----- WE720C----- WE720CY----- WE720DY----- WE720EY----- 720A-----	N16-T-67154-----  N16-T-67160----	F	718EY----- 1A85----- 719A----- 719A----- 720A----- 720AY----- 720B----- 720BY----- 720C----- 720CY----- 720DY----- 720EY----- 720A-----	WE718EY-----  WE719A-----  WE720A-----  WE720A-----  WE720A-----  WE720A-----  WE720A-----  WE720A-----  WE720A-----	See 1A85. See 719A. Special purpose diode rectifier. See 720A. See 720AY. See 720B. See 720BY. See 720C. See 720CY. See 720DY. See 720EY. Transmitting UHF oscillator-Magnetron (obsolete).
720AY----- 720B----- 720BY----- 720C----- 720CY----- 720DY----- 720EY----- 721A----- WE721B----- 721A----- 721B----- WE722A----- 722----- 722A-----	N16-T-67200-----  N16-T-67201----		720AY----- 720B----- 720BY----- 720C----- 720CY----- 720DY----- 720EY----- 721A----- 721B----- 721B----- 722A----- 722----- 722A-----	WE720AY----- WE720B----- WE720BY----- WE720C----- WE720CY----- WE720DY----- WE720EY----- WE721A----- WE721B----- WE721B----- WE722A----- WE722A, 287A, CE302--	Transmitting UHF oscillator-Magnetron (obsolete). Transmitting UHF oscillator-Magnetron (replace with 4J45/720AY). Transmitting UHF oscillator-Magnetron (obsolete). Transmitting UHF oscillator-Magnetron (replace with 4J46/720BY). Transmitting UHF oscillator-Magnetron (obsolete). Transmitting UHF oscillator-Magnetron (replace with 4J47/720CY). Transmitting UHF oscillator-Magnetron. Transmitting UHF oscillator-Magnetron. See 721A. See 721B. Obsolete, superseded by 721B. Gas switching tube (TR). See 722A. Obsolete type. Grid controlled gas rectifier (similar to 287A).
WE723A----- WE723A/B----- 723A----- 723A/B-----	N16-T-67226----- N16-T-67230----	E D	723A----- 723A----- 723A----- 723A/B-----	WE723A----- WE723A/B, 1439XQ----	See 723A. See 723A. Replaced by 2K25/723A/B. Velocity variation UHF oscillator-Similar to REL31 (replace with 2K25).
WE724A----- WE724B----- 724A----- 724B----- WE725A----- 725A-----	N16-T-67240----- N16-T-67241----	F D	724A----- 724B----- 724A----- 724B----- 725A----- 725A-----	WE724A, 1331----- WE724B----- 1330W, WE725A-----	See 724A. See 724B. Replaced by 724B. Gas switching tube (TR). See 725A. Transmitting UHF oscillator-Magnetron (may be replaced with 2J53).
WE726A----- WE726B----- WE726C----- 726A----- 726B----- 726C----- WE727A----- 727A-----	N16-T-67260----- N16-T-67261----	E F E	726A----- 726B----- 726C----- 726A----- 726B----- 726C----- 727A----- 727A-----	WE726A----- WE726B----- WE726C----- WE727A-----	See 726A. See 726B. See 726C. Velocity variation UHF oscillator. Velocity variation UHF oscillator. Velocity variation UHF oscillator. See 727A. Cold cathode gas triode rectifier relay regular-(Obsolete) Replace with 359A; similar to 359A.
WE728AY----- WE728BY----- WE728CY----- WE728DY----- WE728EY----- WE728FY-----			728AY----- 728BY----- 728CY----- 728DY----- 728EY----- 728FY-----		See 728AY. See 728BY. See 728CY. See 728DY. See 728EY. See 728FY.

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
WE728GY-----			728GY-----		See 728GY.
WL728-----			WL728-----		Phototube.
728AY-----	N16-T-67280----	F	728AY-----	WE728AY-----	Transmitting UHF oscillator-Magnetron.
728BY-----	N16-T-67281----	F	728BY-----	WE728BY-----	Transmitting UHF oscillator-Magnetron.
728CY-----	N16-T-67282----	F	728CY-----	WE728CY-----	Transmitting UHF oscillator-Magnetron.
728DY-----	N16-T-67283----	F	728DY-----	WE728DY-----	Transmitting UHF oscillator-Magnetron.
728EY-----	N16-T-67284----	F	728EY-----	WE728EY-----	Transmitting UHF oscillator-Magnetron.
728FY-----	N16-T-67285----	F	728FY-----	WE728FY-----	Transmitting UHF oscillator-Magnetron.
728GY-----	N16-T-67285----	F	728GY-----	WE728GY-----	Transmitting UHF oscillator-Magnetron.
728T-----			4J51-----	14434-----	See 4J51.
WE729A-----			1B23-----		See 1B23.
729A-----			1B23-----	WE729A-----	See 1B23.
WE730A-----			730A-----		See 730A.
730-----			WL630-----		See WL630.
730A-----	N16-T-67289----	E	730A-----	WE730A, 1334V-----	Transmitting UHF oscillator-Magnetron.
731A-----			6AK5-----		See 6AK5.
WE732A-----			3B24-----		See 3B24.
732A-----			3B24-----	WE732A, 429T, 1297XQ-----	See 3B24.
WL734-----				PJ22, CE1-VE-----	See PJ22.
WL735-----				735, CE1D, PJ23-----	Gas phototube.
735-----			868-----		See 868.
WL737-----				CE2-----	Gas phototube.
WL738-----				CE3E, CE1V-----	Vacuum phototube.
WL739-----				CE5BB-----	Gas phototube.
WL741-----				923, 71A, CE23D-----	See 923.
SD742-----			SD742-----		Type 1LN5 with double screen (obsolete).
750TH-----			750TH-----		Transmitting triode amplifier.
750TL-----	N16-T-67290----	M	750TL-----	HK1054L, 3-750A2/750TL-----	Transmitting triode amplifier.
WL756-----			756-----		See 756.
756-----			756-----	WL756-----	Transmitting triode amplifier.
SD759A-----	N16-T-67296----		SD759A-----		Accelerometer.
WL759-----			WL759-----	759-----	Grid controlled gas rectifier.
759-----	N16-T-67299----		WL759-----	WL759-----	Grid controlled gas rectifier.
WL762-----			WL762-----		Pirani pressure indicating tube.
WL767-----	N16-T-67299-50-				Ultra-violet responsive phototube.
WL769-----			WL769-----		Vacuum control tube (obsolete).
SN-770-----	N16-T-67470----		SN-770-----		Receiving subminiature (obsolete).
WL770-----					Vacuum phototube.
WL773-----	N16-T-67473----				Ultra-violet responsive phototube.
WL775-----	N16-T-67475----				Ultra-violet responsive phototube.
C778A-----			1947-----		See 1947.
SA780-----			2C28-----		See 2C28.
C781-----			1946-----		See 1946.
SA781A-----			2E29-----		See 2E29.
SA782B-----			2D29-----		See 2D29.
C785-----			1949-----		See 1949.
WL786-----			FG166-----	2252-----	See FG166.
C787A-----			1948-----		See 1948.
WL788-----			WL788-----		Ballast tube.
WL788T-----			WL788T-----		Ballast tube.
WL789-----			WL789-----		Ballast tube.
WL789Z-----			WL789Z-----		Ultra-violet responsive phototube.
WL789-----	N16-T-67769----				Grid controlled gas rectifier.
WL790-----			WL790-----		See 1950.
C791-----			1950-----		Electron micrometer tube.
C796A-----			C796A-----		See 5734.
C796C-----	N16-T-67796----		C796C-----		See 5734.
C798B-----	N16-T-67799----		C798B-----		See 800.
C800-----			800-----		See 800.
GL800-----			800-----		See 800.
800-----	N16-T-68000----		800-----	RK30, C800, GL800-----	Transmitting triode amplifier.
CS01A-----			801A-----		See 801A.
GL801-----			801A-----		See 801A.
HY801A/801-----			801A-----		See 801A.
MUS01A/801-----			801A-----		See 801A.
801-----	N16-T-69009-80-		801-----		See 801A.
801A-----	N16-T-69010----	H	801A-----	3B101, US310, HY801A/ 801, GL801, C801A, WE350D, MUB01A/801-----	Transmitting triode amplifier.
801A/801-----			305D-----		See 305D.
GL902-----			802-----		See 802.
RCA902-----			802-----		See 802.
WL902-----			802-----		See 802.
802-----	N16-T-69020----	H	802-----	WL902, GL902, RCA902-----	Transmitting pentode amplifier oscillator (nearest equivalent RK25, RK25B).
GL903-----			803-----		See 803.
T803-----			803-----		See 803.
WL903-----			803-----		See 803.

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803-----	N16-T-69030----	I	803-----	RK29A, WE322A, 39303, WL903, GL903, T803	Transmitting pentode amplifier.
803A-----			CE3A/B-----		See CE3A/B.
803W-----	N16-T-69035----		803W-----		Transmitting pentode.
GL904-----			804-----		See 804.
RCA904-----			804-----		See 804.
804-----	N16-T-69040----	H	804-----	GL904-----	Transmitting pentode amplifier (RK20A, nearest equivalent).
C905-----			805-----		See 805.
GL905-----			805-----		See 805.
NU905-----			805-----		See 805.
RCA905-----			805-----		See 805.
T905-----			805-----		See 805.
WL905-----			805-----		See 805.
805-----	N16-T-69050----	H	805-----	WE331A, UE905, RK57, C805, GL805, T805, WL805, NU805	Transmitting triode amplifier.
GL906-----			806-----		See 806.
WL906-----			806-----		See 806.
806-----	N16-T-69060----		806-----	WL906, GL906-----	Transmitting triode amplifier.
GL907-----			807-----		See 807.
NU907-----			807-----		See 807.
RK807-----			807-----		See 807.
WL807-----			807-----		See 807.
807-----	N16-T-69070----	I	807-----	HY61/807, 39907, WL907, RK807, GL907, NU807, A4051	Transmitting pentode amplifier (Type 1625 characteristics; similar to RK39 except for capacitances; similar to Brit, VT60, VT60A, and AT325).
807A-----			807W-----		Superseded by 807W.
807W-----	N16-T-69073----	I	807W-----		Ruggedized version of 807.
EE808-----			808-----		See 808.
GL909-----			808-----		See 808.
808-----	N16-T-69080----	I	808-----	39808, GL908, EE808-----	Transmitting triode amplifier.
809-----	N16-T-69090----	H	809-----	NU302, HY302, WL908, GL909	Transmitting triode amplifier-Modulator-Multiplier.
GL910-----			810-----		See 810.
WL910-----			810-----		See 810.
810-----	N16-T-69100----	I	810-----	WL910, GL910-----	Transmitting triode amplifier (Type 1627 characteristics).
EE811-----			811-----		See 811.
GL911-----			811-----		See 811.
WL911-----			811-----		See 811.
811-----	N16-T-69110----	G	811-----	WL811, GL811, EE811-----	Transmitting triode.
811A-----			811A-----		Triode power amplifier oscillator.
EE812-----			812-----		See 812.
GL812-----			812-----		See 812.
WL812-----			812-----		See 812.
812-----	N16-T-69120----	F	812-----	WL912, GL812, EE812-----	Transmitting triode. (replaced with 812A).
812A-----			812A-----		Modified version of type 812.
GL813-----			813-----		See 813.
NU813-----			813-----		See 813.
WL813-----			813-----		See 813.
813-----	N16-T-69130----	M	813-----	WL813, GL913, NU913, T813	Transmitting tetrode (similar to British CV26).
CG914-----			814-----		See 814.
GL914-----			814-----		See 814.
T814-----			HV12/T814-----	4C24	Transmitting triode amplifier.
814-----	N16-T-69140----	E	814-----	RK47, 39914, GL814-----	Transmitting tetrode amplifier (nearest equivalent RK49A/RK49, HV12).
WL915-----			815-----		See 815.
815-----	N16-T-69150----	F	815-----	WL815, GL815-----	Transmitting HF twin pentode.
GL816-----			816-----		See 816.
816-----	N16-T-69160----	D	816-----	NU966JR/816, HY866JR, GL-816, H66JR	Transmitting diode gas rectifier (Type 2B26 with plate connection at top).
T822-----			HV27/T822-----	HV27-----	Transmitting triode amplifier.
822S-----			822S-----		Transmitting triode amplifier (Taylor).
GL925-----			825-----		See 825.
NU825-----			T825-----		See T825.
RCA925-----			825-----		See 825.
T825-----			T825-----		See 825.
825-----	N16-T-69250----		T825-----	NU825-----	Transmitting UHF multi-element amplifier
GL826-----			825-----	GL925, RCA825-----	Transmitting UHF multi-element amplifier (obsolete).
826-----	N16-T-69260----	F	826-----		See 826.
GL827R-----			826-----	GL826-----	Transmitting UHF triode.
827R-----			827R-----		See 827R.
827R-----	N16-T-69270----		827R-----	GL927R-----	Transmitting UHF tetrode amplifier.

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GL929-----			828-----		See 828.
RCA828-----			829B-----		See 829B.
SD928A-----	N16-T-69275----		5638-----		See 5638.
SD928E-----	N16-T-68277----				Subminiature RF pentode.
SD928F-----			1W5-----		See 1W5.
SN829E-----			5634-----		See 5634.
WL928-----			828-----		See 828.
829-----	N16-T-69280----		828-----	WL928, GL928--	Transmitting pentode amplifier.
GL929-----			829B-----		See 829B.
NU829-----			829B-----		See 829B.
RK829-----			829B-----		See 829B.
RK829B-----			829B-----		See 829B.
S829-----	N16-T-69285----	F	S829-----		Diode gas switching tube-No replacement tubes required; break glass, leave air gap.
SD929-----			1B43-----		Diode gas switching tube.
829-----	N16-T-69290----	H	829B-----	GL9290, RK829, NU929	See 829B; 829B supersedes 829.
829A-----			3E29-----		See 3E29; 3E29 supersedes old 829A.
829B-----	N16-T-68292----	G	829B-----	RK829B, RCA828, GL829	Transmitting UHF twin pentode amplifier oscillator.
C830B-----			830B-----		See 830B.
GL830B-----			830B-----		See 830B.
T830B-----			830B-----		See 830B.
830-----	N16-T-68300----		830-----	930-----	Transmitting triode amplifier, replace with 830B.
830B-----	N16-T-68305----		830B-----	930B, HY51B, C830B, GL-830B, T830B, UE930B	Transmitting triode amplifier.
831-----	N16-T-68310----		831-----	WL674-----	Transmitting triode amplifier (obsolete)
831A-----			831A-----		Transmitting triode amplifier.
GL832-----			832-----		See 832.
NU832-----			832-----		See 832.
832-----	N16-T-68320----	J	832-----	GL832, NU832, British VI88	Transmitting UHF twin pentode amplifier (obsolete; superseded by 832A).
832A-----	N16-T-68321----	F	832A-----		Transmitting twin pentode amplifier.
C833-----			833A-----		See 833A.
GL833A-----			833A-----		See 833A.
T833A-----			833A-----		See 833A.
WL833A-----			833A-----		See 833A.
833-----			833A-----	GL833A-----	See 833A.
833A-----	N16-T-68330----	M	833A-----	38833, C833, WL833A, GL-833A, T833A	Transmitting triode amplifier oscillator
GL834-----			834-----		See 834.
SD834-----	N16-T-68335----		6K4-----		See 6K4.
834-----	N16-T-68340----		834-----	BW11, GL834, WE304B--	Transmitting UHF triode amplifier oscillator (nearest equivalent is UM50; similar to 8019 and British types NT59, NT58A, VI62 and DE112 except for British 4-pin base).
GL835-----			835-----		See 835.
SD835H-----	N16-T-68347----		6BL6-----		See 6BL6.
SD835K-----			6BY6-----		See 6BY6.
835-----	N16-T-68350----		835-----	GL835-----	Obsolete; replace with 39111A (similar to 211C, 311C, 1984, GE1144A).
EE836-----			836-----		See 836.
GL836-----			836-----		See 836.
RK836-----			836-----		See 836.
S836-----			1960-----		Diode gas switching tube.
SBS36-----			S8936-----		Diode gas switching tube.
SD836-----			SD936-----		Subminiature type pentode amplifier.
836-----	N16-T-68360----	F	836-----	38266A, GL836, RK836, EE836	Transmitting diode vacuum rectifier (nearest equivalent RK21).
836A-----	N16-T-68363----	F	836A-----	38266A, GL836, RK836, EE836	Replace with 836.
GL837-----			837-----		See 837.
RK837-----			837-----		See 837.
WL837-----			837-----		See 837.
837-----	N16-T-68370----	L	837-----	RK44, 38937, RK937, WL837, GL837, A4002B	Transmitting pentode amplifier.
C838-----			838-----		See 838.
GL838-----			838-----		See 838.
NU838-----			838-----		See 838.
SD838-----	N16-T-68375----		SD938-----		Receiving lock-in type special version of 1626.
T838-----			838-----		See 838.
WL938-----			838-----		See 838.

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838-----	N16-T-68380----	L	838-----	NU938, 9F130, UE938, RK58, 38138, C838, WL838, GL838, T838	Transmitting triode amplifier.
838W-----	N16-T-68390----		838W-----		Ruggedized version of 838.
839-----			839-----		Transmitting tetrode amplifier (for replacement only).
GL840-----			840-----		See 840.
840-----			840-----	GL840-----	Receiving RF pentode (obsolete).
C841-----			841-----		See 841.
GL841-----			841-----		See 841.
PT841-----			841-----		See 841.
841-----	N16-T-68410----		841-----	UE941, DE941, 841A, C841, PT841, GL841	Transmitting triode amplifier.
841A-----			841-----		See 841.
841SW-----			841SW-----	UXCV11, 211H-----	Transmitting triode amplifier (Taylor).
GL842-----			842-----		See 842.
PT842-----			842-----		See 842.
842-----	N16-T-68420----		842-----	UE942, 38942, PT842, GL842	Transmitting triode amplifier.
GL843-----			843-----		See 843.
RC843-----			843-----		See 843.
SB843-----			1961-----		See 1961.
843-----	N16-T-68430----	H	843-----	38143, RC843, GL843-----	Transmitting triode amplifier.
844-----			844-----		Transmitting tetrode amplifier (obsolete).
C845-----			845-----		See 845.
GL845-----			845-----		See 845.
NU845-----			845-----		See 845.
R845-----			845-----		See 845.
T845-----			845-----		See 845.
UY845-----			845-----		See 845.
WL845-----			845-----		See 845.
845-----	N16-T-68450----	M	845-----	T845, 845B, C845, 3945, UE945, 38145, R845, WL845, UV845, GL845, NU845	Transmitting triode amplifier (will replace 284D in all but a few RF applications).
845B-----			845-----		See 845.
845W-----	N16-T-68455----		845W-----		Ruggedized version of 845.
GL846-----			846-----		See 846.
ML846-----			846-----		See 846.
RC846-----			846-----		See 846.
SB846-----			2C36-----		See 2C36.
SB846A-----			2C37-----		See 2C37.
SB846B-----	N16-T-68458----		SB846B-----		Probeless version of 2C36 for Navy application.
SB846D-----			5764-----		See 5764.
SB846H-----			5767-----		See 5767.
846-----	N16-T-68460----	N	846-----	GL846, 38146, F346A, WE284D, RCA846, WL846	Transmitting triode amplifier oscillator-water cooled.
SD847A-----			1B40-----		See 1B40.
847-----			847-----		
848-----			848-----	F348A-----	Transmitting triode amplifier oscillator (obsolete).
A849A-----			849A-----		See 849A.
A849H-----			849H-----		See 849H.
C849-----			849-----		See 849.
C849A-----			849A-----		See 849A.
C849H-----			849H-----		See 849H.
F849-----			849-----		See 849.
GL849-----			849-----		See 849.
RC849-----			849-----		See 849.
SD849B-----			3J22-----		Transmitting UHF oscillator-magnetron (Army); see 3J22.
UE849-----			849-----		See 849.
WL849-----			849-----		See 849.
849-----	N16-T-68490----	F	849-----	C849, UE949, 38149, 296A, GL849, F849, WL849, RCA-849	Transmitting triode amplifier oscillator
849A-----	N16-T-68492----		849A-----	C849A, A849A-----	Transmitting triode amplifier.
849H-----	N16-T-68498----		849H-----	C849H, A849H-----	Transmitting triode amplifier (special 849A for HF therapy).
GL850-----			850-----		See 850.
850-----	N16-T-68500----		850-----	38150, GL850-----	Transmitting tetrode amplifier.
C851-----			851-----		See 851.
GL851-----			851-----		See 851.
RC851-----			851-----		See 851.
UV851-----			851-----		See 851.



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852A----- WL851----- 851-----	N16-T-68510----	L	852A----- 851----- 851-----	UE951, 39151, 2172, C951 WL851, UV851, GL851, RCA851	Transmitting triode amplifier. See 851. Transmitting triode amplifier.
C852----- GL852----- RCA852----- 852-----	N16-T-68520----		852----- 852----- 852----- 852-----	UE952, 39152, C952, RCA852, GL852, WL195	See 852. See 852. See 852. Transmitting triode amplifier.
S853----- 853----- HK854H----- HK854L----- 854----- 854H----- 855----- S856----- 856----- F857A----- F857B----- GL857A----- GL857B----- WL857B----- 857-----	N16-T-69550---- N16-T-69560----		1825----- 853----- 450TH----- 450TL----- 854----- 450TH----- 855----- OA2----- 856----- 857A----- 857B----- 857A----- 857B----- 857B----- 857-----		See 1825. (Obsolete). See 450TH (high Mu). See 450TL (low Mu). (Obsolete). See 450TH. Rectifier (obsolete). Gas switching tube; see OA2. Rectifier (for replacement only). See 857A. See 857B. See 857A. See 857B. See 857B. Transmitting diode rectifier (superseded by 857A and 857B).
857A----- 857B-----	N16-T-69570----	H	857A----- 857B-----	F857A, GL857A, 39157A WL857B, F857A, 3072, F857B, GL857B, 39157B	Superseded by 857B. Transmitting diode gas rectifier (similar to WE265C).
F859----- GL859----- RCA859----- 859-----	N16-T-69590----	M	858----- 858----- 858----- 858-----	3717, F859A, 39159, F859 GL859, RCA859	See 858. See 858. See 858. Transmitting triode amplifier-Water-cooled.
S859----- 859----- GL860----- UX860----- WL860----- 860-----	N16-T-69600----	I	OC2----- 859----- 860----- 860----- 860----- 860-----	39160, 3119, WL860, GL860, UX860	See OC2. Receiving triode amplifier (obsolete). See 860. See 860. See 860. Transmitting tetrode amplifier.
GL861----- WL861----- P861----- UV861----- WL861----- 861-----	N16-T-69610----	F	861----- 861----- 861----- 861----- 861----- 861-----	39161, 3124A, WL861, GL861, UV861, WL861	See 861. See 861. Receiving duodiode rectifier. See 861. See 861. Transmitting tetrode amplifier.
861A----- F862----- F862A----- GL862----- GL862A----- RCA862----- WL862----- 862-----	N16-T-69620----		861A----- 862A----- 862A----- 862A----- 862A----- 862A----- 862A----- 862A-----	39162, 3675, F862, RCA862, GL862, WL862	Transmitting tetrode amplifier. See 862A. See 862A. See 862A. See 862. See 862A. See 862A. Transmitting triode amplifier-Superseded by 862A (Type F898 characteristics).
862A-----	N16-T-69625----	F	862A-----	GL862A, F862A-----	Transmitting triode amplifier-Water-cooled.
F863----- F863A----- RCA863----- 863-----			863----- 863----- 863----- 863-----	RCA863, F863A, F863--	See 863. See 863. See 863. Transmitting RF power amplifier modulator oscillator (obsolete, superseded by 892).
GL864----- HY864----- 864-----	N16-T-69640----	F	864----- 864----- 864-----	39064, 3864A, GL864, HY864	See 864. See 864. Receiving triode amplifier (low microphonic noise).
GL865----- WL865----- 865-----	N16-T-69650----	J	865----- 865----- 865-----	865A/365, 39165, 3294, WL865, GL865	See 865. See 865. Transmitting tetrode amplifier.
865A/865----- C866----- C866A----- C866A/866-----			865----- 866A/866----- 866A/866----- 866A/866-----		See 865. See 866A/866. See 866A/866. See 866A/866.

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EE866A/866-----			866A/866-----		See 866A/866.
GL866A/866-----			866A/866-----		See 866A/866.
HY866JR-----			816-----	NU866JR/816-----	See 816 (similar to 866A with 1/2 rating).
KY866-----			KY866-----		Grid controlled gas rectifier.
MU866JR/816-----			816-----	HY866JR-----	See 816 (similar to 866A with 1/2 rating).
NU866A/866-----			866A/866-----		See 866A/866.
NU866A/816-----			816-----		See 816.
RCA866A-----			866A/866-----		See 866A/866.
RK866-----			RK866-----		Transmitting diode rectifier.
T866A/866-----			866A/866-----		See 866A/866.
T866B-----			866B-----		See 866B.
UX866-----			866A/866-----		See 866A/866.
WL866A/866-----			866A/866-----		See 866A/866.
R66-----			866A/866-----		See 866A/866.
R66A-----	N16-T-68660-----	M	866A/866-----		See 866A/866.
866A/866-----	N16-T-68665-----	L	866A/866-----		See 866A/866.
			866A/866-----	C966A, C865, RCA866A, UE966, WL366A/866, GL866A/356, NU866A/866, 3069, UE966A, F366A, 38166, UX866, RK866, T866A/866, CE866A/866, 3572, EE866A/866, British CV32	Transmitting diode gas rectifier (superseceded and replaced by 3828).
866B-----			866B-----	T866B-----	Transmitting diode gas rectifier (obsolete).
866JR (Taylor)-----			2B26-----		See 2B26.
867-----			868-----		Superseded by 868.
GL869-----			868-----		See 868.
869-----	N16-T-68680-----		868-----	59A4, PJ23, WL735, CE1D, 38268, 3982, GL869, NU1 868/PJ23	Gas phototube (similar to 1P23; see 1P23). Red-infrared sensitive.
869/PJ23-----	N16-T-68685-----		868-----	59A4, PJ23, CE1D, NU1, 3982	Gas phototube.
CE869B-----			869B-----		See 869B.
EE869B-----			869B-----		See 869B.
F869B-----			869B-----		See 869B.
GL869B-----			869B-----		See 869B.
RCA869A-----			869A-----		See 869A.
RDA869A-----			869A-----		See 869A.
UV869-----			869A-----		See 869A.
UV869A-----			869B-----		See 869B.
WL869B-----			869B-----		See 869B.
869-----	N16-T-68689-----		869-----		See 869B.
869A-----	N16-T-68692-----		869A-----	RDA869A, GL869B, UV869-----	Superseded by 869A and 869B.
869B-----	N16-T-68697-----	M	869B-----	39157, 3071, F869B, UV869A, RCA869A, WL869B, GL869B, CE869B F369B, EE869B	Transmitting diode gas rectifier (superseceded by Type 869B).
GL870-----			870-----		Transmitting diode gas rectifier (similar to WL424).
GL870A-----			870A-----		See 870.
RCA870-----			870A-----		See 870A.
870-----			870-----		See 870A.
870A-----	N16-T-68700-----	O	870A-----	GL870, 39170-----	Superseded by 870A.
GL871-----			871-----	RCA870, GL870A-----	Transmitting diode gas rectifier (for replacement only).
871-----	N16-T-68710-----		871-----		See 871.
BB872A-----			871-----	39171, 4E253A, 4102, GL871, UE971	Transmitting diode gas rectifier (obsolete).
C872A-----			872A-----		See 872A.
CE872A-----			872A-----		See 872A.
F872A-----			872A-----		See 872A.
F872B-----			872A-----		See 872A.
GL872A-----			872A-----		See 872A.
GL872A/872-----			872A-----		See 872A.
NU872A/872-----			872A-----		See 872A.
RCA872A-----			872A-----		See 872A.
T872A/872-----			872A-----		See 872A.
WL872A/872-----			872A-----		See 872A.
872-----			872A-----		See 872A.

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872A-----	N16-T-69720----	O	872A-----	NUE72A/372,C872A, F872A,F353A,RCA872A, UE972,F353,38172, T872A/872,3070, GL872A,C8872A, WL872A/872,F872B, GL872A/-872,88872A	Transmitting diode gas rectifier (similar to 8008 and WEJ19A).
872A/872-----			872A-----		See 872A.
EE873-----			873-----		See 873.
F873A-----					
T873-----			873-----		See 873.
873-----	N16-T-68730----		873-----	UE973,WT230,T873, EE873	Grid controlled gas rectifier.
GL874-----			874-----		See 874.
874-----	N16-T-68740----	M	874-----	38274, 3918, GL874---	Diode voltage regulator.
T875A-----			875A-----		See 875A.
875-----			875-----		Early version of Taylor 875A.
875-----			875A-----	T875A-----	Transmitting diode gas rectifier.
875A-----			875A-----	T875A, 875-----	Transmitting diode gas rectifier.
876-----	N16-T-68760----	H	876-----	38276-----	Ballast tube (obsolete).
GL878-----			878-----		See 878.
878-----	N16-T-68780----		878-----	GL878-----	Special purpose diode vacuum rectifier.
878A-----	N16-T-68785----		878-----	REL52-----	See 878.
879-----			2X2A-----	2X2-----	See 2X2/879.
GL880-----			880-----		See 880.
WL880-----			880-----		See 880.
OS880-----	N16-T-68900----		OS880-----		Bureau of Ordinance specification number for GL299.
WL880-----			880-----		See 880.
880-----	N16-T-68905----	I	880-----	WL880, GL880, WL880---	Transmitting triode amplifier modulator- Water cooled.
WL881-----			881-----		See 881.
881-----			881-----	WL881-----	Transmitting diode gas rectifier.
GL884-----			884-----		See 884.
RX884-----			884-----		See 884.
884-----	N16-T-68940----	J	884-----	38984, GL884, 6Q5G---	Grid controlled gas rectifier (Type 885 characteristics).
884W-----			884W-----		Ruggedized version of 884.
GL885-----			885-----		See 885.
RCA885-----			WL629-----		See WL629.
RX885-----			885-----		See 885.
885-----	N16-T-68950----	F	885-----	GL885, 2B4, similar to WL629	Grid controlled gas rectifier. (Type 884 characteristics).
886-----	N16-T-68960----		886-----	38286-----	Ballast tube (obsolete).
GL887-----			887-----		See 887.
887-----	N16-T-68970----		887-----	GL887-----	Transmitting UHF triode amplifier oscillator (obsolete).
GL888-----			888-----		See 888.
888-----			888-----	GL888-----	Transmitting UHF triode amplifier oscillator (obsolete).
GL889-----			889-----		See 889.
GL889R-----			889R-----		See 889R.
WL889-----			889-----		See 889.
WL889R-----			889R-----		See 889R.
889-----	N16-T-68985----	G	889-----	GL889, WL889-----	Transmitting triode amplifier modulator- Water cooled (superseded by 889A).
889A-----	N16-T-68986----		889A-----		Improved 889.
889AR-----	N16-T-68991----	J	889AR-----	A2251B-----	Transmitting triode amplifier-modulator.
889R-----	N16-T-68990----	J	889R-----	WL889R, GL889R, A2251A	Transmitting triode amplifier modulator (superseded by 889RA).
CG890-----			1444-----		See 1444.
F891-----			891-----		See 891.
F891R-----			891R-----		See 891R.
GL891-----			891-----		See 891.
GL891R-----			891R-----		See 891R.
RCA891-----			891-----		See 891.
RCA891R-----			891R-----		See 891R.
WL891-----			891-----		See 891.
WL891R-----			891R-----		See 891R.
891-----	N16-T-68995----		891-----	F891, RCA891, GL891, WL891	Transmitting triode amplifier modulator- Water cooled.
891M-----			891M-----		Modified version of 891.
891R-----	N16-T-68910----	J	891R-----	F891R, RCA891R, GL891R, WL891R, 341AA	Transmitting triode amplifier modulator- Forced air cooled.
F892-----			892-----		See 892.
F892R-----			892R-----		See 892R.
GL892-----			892-----		See 892.

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GL892R-----			892R-----		See 892R.
RCA892-----			892-----		See 892.
RCA892R-----			892R-----		See 892R.
WL892-----			892-----		See 892.
WL892R-----			892R-----		See 892R.
892-----	N16-T-68920----	F	892-----	F892, RCA892, GL892, WL892	Transmitting triode amplifier modulator- Water cooled (superseded GL452).
892M-----			892M-----		Modified version of 892.
892R-----	N16-T-68925----		892R-----	F892R, RCA892R, WL892R, GL892R	Transmitting triode amplifier modulator.
F893-----			893-----		See 893.
F893R-----			893R-----		See 893R.
GL893-----			893-----		See 893.
GL893R-----			893R-----		See 893R.
WL893-----			893-----		See 893.
RCA893-----			893-----		See 893.
WL893-----			893-----		See 893.
893-----	N16-T-68930----	M	893-----	RCA893, 38193, WL893, F893, GL893, WL893	Superseded by 893A.
893A-----	N16-T-68930-5--	L	893A-----		Transmitting triode amplifier modulator- Water cooled.
893AR-----	N16-T-68930-10-		893AR-----		Transmitting triode.
893R-----	N16-T-68930-30-	J	893R-----	GL893R, F893R-----	Transmitting triode (superseded by 893AR).
WL895-----			895-----		See 895.
WL895R-----			895R-----		See 895R.
895-----			895-----	WL895-----	Transmitting triode.
895R-----			895R-----	WL895R-----	Transmitting triode.
RCA896-----			896-----		See 896.
WL896-----			896-----		See 896.
896-----	N16-T-68960----		896-----	WL896, RCA896, FB50, 38296	Ballast tube (obsolete, for replacement only).
RCA897-----			897-----		See 897.
897-----			897-----	RCA897-----	Ballast tube (obsolete, for replacement only).
F898-----			898A-----		See 898A.
GL898-----			898A-----		See 898A.
GL898A-----			898A-----		See 898A.
RCA898-----			898A-----		See 898A.
WL898-----			898A-----		See 898A.
898-----	N16-T-68980----		898A-----	F898, RCA898, GL898, WL898	Transmitting triode, superseded by 898A- Water cooled.
898A-----			898A-----	GL898A-----	Transmitting triode amplifier modulator Water cooled.
WL899A-----			899A-----		See 899A.
899A-----			899A-----	WL899A-----	Transmitting triode amplifier modulator.
GL901-----			901-----		See 901.
RCA901-----			901-----		See 901.
S901C-----	N16-T-69010----		3651-----		See 5651.
901-----			901-----	GL901, RCA901-----	"Crater" tube (glow discharge).
GL902-----			902P1-----		See 902P1.
902-----	N16-T-69020----		902P1-----	GL902-----	Cathode ray (electrostatic focus and deflection).
902A-----	N16-T-69022----		902PIA-----		Zero Ibl version of 902P1.
902P1-----			902P1-----	902, GL902-----	Cathode ray (electrostatic focus and deflection).
902PIA-----			902PIA-----	902A-----	Zero Ibl version of 902P1.
903-----			903-----		Cathode ray (obsolete).
GL904-----			904-----		See 904.
904-----	N16-T-69040----		904-----	GL904-----	Cathode ray (electrostatic focus, electrostatic and magnetic deflection).
HE905-----			805-----	NU805, WH331A, RK57, RCA805, GL805	See 805.
UE905A-----			805-----		See 805.
905-----	N16-T-69050----		905-----	GL905-----	Cathode ray (electrostatic focus and deflection).
905A-----	N16-T-69055----		905A-----		Zero Ibl version of 905.
906P1-----			3AP1-----	2501A3-----	See 3AP1.
906P4-----			3AP4-----		See 3AP4.
906P5-----			3AP5-----		See 3AP5.
906P7-----			3AP7-----		See 3AP7.
GL907-----			907-----		See 907.
907-----	N16-T-69070----		907-----	GL907-----	Cathode ray (Type 905 electrical and physical characteristics).
GL908-----			908-----		See 908.
WL908-----			809-----		See 809.

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908-----	N16-T-69030----		908-----	GL908-----	Cathode ray (Type 3AP1 electrical and physical characteristics).
908A-----			908A-----		Cathode ray (electrostatic focus and deflection, P5 screen).
909-----			909-----		Cathode ray (Type 905 electrical and physical characteristics).
910-----			910-----		Cathode ray (Type 3AP1 electrical and physical characteristics).
911-----			911-----		Cathode ray (Type 3AP1 electrical and physical characteristics).
911CH-----			911CH-----		Transmitting triode amplifier.
912-----	N16-T-69120----		912-----		Cathode ray (electrostatic focus and deflection).
GL913-----			913-----		See 913.
913-----	N16-T-69130----	F	913-----	GL913-----	Cathode ray (electrostatic focus and deflection).
914-----	N16-T-69139-90-		914-----	GL14-----	Cathode ray (electrostatic focus and deflection).
914A-----	N16-T-69140----		914A-----		Cathode ray.
QK915A-----			4J59-----		See 4J59.
QK915B-----			4J58-----		See 4J58.
QK915C-----			4J57-----		See 4J57.
GL917-----			917-----		See 917.
SD917-----	N16-T-69167----		SD917-----		Subminiature type high Mu triode amplifier.
SD917A-----	N16-T-69168----		5637-----		See 5637.
917-----	N16-T-69170----		917-----	CE11V, GL917, 591AV3-	Vacuum phototube.
GL918-----			918-----		See 918.
918-----	N16-T-69180----		918-----	CE1C, 59A3, GL918----	Gas phototube (red-infrared sensitive).
GL919-----			919-----		See 919.
919-----	N16-T-69190----		919-----	NU31V, CE31V, GL919, 82AV4	Vacuum phototube.
GL920-----			920-----		See 920.
920-----	N16-T-69200----	F	920-----	NU21, CE21C, GL920, G14, 60A3	Gas twin phototube.
GL921-----			921-----		See 921.
921-----	N16-T-69210----	F	921-----	GL921-----	Gas phototube (red-infrared sensitive).
GL922-----			922-----		See 922.
922-----	N16-T-69220----		922-----	GL922-----	Vacuum phototube (red-infrared sensitive).
GL923-----			923-----		See 923.
923-----	N16-T-69230----		923-----	84A3, GL923, 8L741, CE23C, NU23C	Gas phototube (red-infrared sensitive).
GL924-----			924-----		See 924.
924-----	N16-T-69240----		924-----	CE22D, GL924-----	Gas phototube; see 1P41.
GL925-----			925-----		See 925.
925-----	N16-T-69250----		925-----	GL925, 64AV3-----	Vacuum phototube (red-infrared sensitive).
GL926-----			926-----		See 926.
926-----	N16-T-69260----		926-----	GL926-----	Vacuum phototube (violet-green sensitive).
GL927-----			927-----		See 927.
927-----	N16-T-69270----	F	927-----	1P32, NU20C, CE20C, GL927, 51A3, 515F, CE25C, NU25C	Gas phototube (red-infrared sensitive); (similar to CE36C which has shorter base).
GL928-----			928-----		See 928.
928-----	N16-T-69280----		928-----	CE28D, GL928, 85A4----	Gas phototube (red-infrared sensitive).
GL929-----			929-----		See 929.
929-----	N16-T-69290----		929-----	59D, 71D, GL929, CE29, 61D V3	Vacuum phototube (blue sensitive).
GL930-----			930-----		See 930.
UE930B-----			830B-----	HY51B, UE930B 930----	See 830B (obsolete).
UE930B 930-----			830B-----		See 830B.
930-----	N16-T-69300----		930-----	GL930, CE30C, 61A3----	Gas phototube (infrared sensitive).
930B-----			830B-----		See 830B.
CT931-----	N16-T-69315----		CT931-----		Obsolete, superseded by 200P.
CT-931-----	N16-T-69305----		931-----	GL931-----	Obsolete, superseded by 931A.
GL931-----			931-----		See 931.
GL931A-----			931A-----		See 931A.
931-----	N16-T-69310----		931-----		Obsolete, replace with 931A.
931A-----	N16-T-69312----	F	931A-----	GL931A-----	Vacuum multiplier phototube (blue sensitive) (selected 931; see 1P21).
932-----			932-----	32E-----	1229 aged for grid stability; replace with 1229.
CM933-----			1444-----		See 1444.
CW-933-----	N16-T-69330----		CW-933-----		Phototube.
933-----			933-----		Vacuum phototube (obsolete).

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934-----	N16-T-69334----		934-----		Vacuum phototube (miniature construction).
GL-935-----	N16-T-69349----		GL935-----	935-----	Phototube.
935-----	N16-T-69350----		935-----		Vacuum phototube (ultra-violet sensitive).
RCA936-----			936-----		See 936.
936-----			1P24-----		See 1P24.
UE938-----			838-----	NU838, HF130, RK58, UE938, 38138, GL838	See 838.
DE941-----			341-----		See 841.
UE941-----			841-----	UE941, DE941, PT841--	See 841.
UE942-----			842-----	UE942, 39842-----	See 842.
SN944-----	N16-T-69428----		5633-----		See 5633.
UE945-----			845-----	R845, 38145, GL845, NU845	See 845.
SN946-----	N16-T-69460----		5647-----		See 5647.
SN947-----	N16-T-69470----		5640-----		See 5640.
SN947C-----	N16-T-69473----		5640-----		See 5640.
SN948-----	N16-T-69480----		5644-----		See 5644.
SN949-----	N16-T-69490----		5643-----		See 5643.
SN949B-----	N16-T-69492----		5643-----		See 5643.
SN949C-----	N16-T-69493----		5643-----	SN949-----	See 5643.
UE949-----			849-----	F849, UE949, 38149, GL849	See 849.
UE949B-----			UE949B-----	C849B, A849B-----	Transmitting triode (HF version of 849).
950-----			950-----		Receiving pentode amplifier (similar to 1J5G and 33).
UE951-----			851-----	38151-----	See 851.
951-----			1B4P/951-----	1B4P-----	See 1B4P/951.
UE952-----			852-----	38152-----	See 852.
952-----			852-----		See 852.
HK953B-----			953B-----		See 953B.
HK953D-----			953D-----		See 953D.
HK953E-----			953E-----		See 953E.
SN953-----	N16-T-69528----		5639-----	SN974-----	See 5639.
SN953A-----	N16-T-69529----		5639-----		See 5639.
SN953D-----	N16-T-69529-30-		5639-----		See 5639.
953-----			953-----		Australian acorn type.
953B-----	N16-T-69530----		953B-----	(4833), HK953B-----	Transmitting diode vacuum rectifier.
953D-----			953D-----	(5833), HK953D-----	Transmitting diode vacuum rectifier.
953E-----			953E-----	(7833), HK953E-----	Transmitting diode vacuum rectifier.
953X44-----			953X44-----		
SN954-----	N16-T-69538----		5641-----		See 5641.
954-----	N16-T-69540----	F	954-----	VR95 (Br.), 38954----	Transmitting and receiving acorn type pentode.
GL955-----			955-----		See 955.
SN955-----	N16-T-69548----		5635-----		See 5635.
SN955B-----	N16-T-69549----		5635-----		See 5635.
955-----	N16-T-69550----	D	955-----	VR59 (Br.), HA2, 38955, GL955	Transmitting and receiving acorn type triode.
GL956-----			956-----		See 956.
SN956-----	N16-T-69558----		5642-----		See 5642.
SN956A-----	N16-T-69559----		5642-----		See 5642.
SN956B-----	N16-T-69559-30-		5642-----		See 5642.
956-----	N16-T-69560----	H	956-----	38956, GL956-----	Receiving acorn type pentode.
SN957-----	N16-T-69568----		5645-----		See 5645.
SN957A-----	N16-T-69568-25-		5645-----		See 5645.
957-----	N16-T-69570----	D	957-----	GL957-----	Transmitting and receiving acorn type triode.
GL958-----			958A-----		See 958A.
958-----	N16-T-69579-70-		958-----		Superseded by 958A.
958A-----	N16-T-69580----	D	958A-----	38958, GL958-----	Transmitting and receiving acorn type triode.
GL959-----			959-----		See 959.
959-----	N16-T-69570----	D	959-----	38959, GL959-----	Transmitting and receiving acorn type pentode.
V960-----			V0133-----		See V0133.
B966-----					
SN966-----			SN966-----		Receiving subminiature low microphonic pentode.
UE966-----			866A/866-----		See 866A/866.
UE966A-----			866A/866-----		See 866A/866.
966-----	N16-T-69660----		866A/365-----	UE965-----	See 866A/366.
966A-----			866A/366-----	UE965A-----	See 866A/366.
UE967-----			FG17-----		See FG17.
967-----			FG17-----	UE967, WT272A, CE309-	See FG17.
SC969-----			SC969-----		Low mu triode.

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SB970-----			SB970-----		Twin pentode RF power oscillator.
SA971-----			SA971-----		Low drain secondary emission pentode.
UE971-----			871-----		See 871.
971-----			871-----	UE971-----	See 871.
SN972-----			SN944-----		Long life version of 5633.
UE972-----			872A/872-----		See 872A/872.
UE972A-----			972A/872-----		See 872A/872.
972-----			872A-----	US972, WE319, F353, 372A/872	See 872A.
972A-----			872A-----	UE972A, WE319A, F353A, 872A/872	See 872A.
SN973-----			SN973-----		Long life version of 5634.
SN973B-----	N16-T-69726----		5840-----		See 5840.
UE973-----			873-----		See 873.
UX973-----			873-----		See 873.
973-----	N16-T-69730----		873-----	WT230, UE973, UX973--	See 873.
SN974-----			SN974-----		Long life version of 5639.
SN975-----			SN975-----		Receiving subminiature duodiodo, triodo.
UE975A-----			575A-----		See 575A.
975A-----			575A-----	WL575A, F375A, GL512, UE975A	See 575A.
SN976-----			SN976-----		Long life version of 5640.
SN977-----	N16-T-69770----		SN977-----		Long life version of 5641.
SN978-----			SN978-----		Long life version of 5647.
SN979-----	N16-T-69790----		SN979-----		Long life version of 6K4.
SN980-----	N16-T-69800----		SN980-----		Long life version of 5637.
SN981-----			SN981-----		Long life version of 5644.
SN982-----			SN982-----		Long life version of 5643.
SN983-----			SN983-----		Receiving subminiature RF pentode.
SN984-----			SN984-----		Receiving subminiature mixer.
SN985-----			SN985-----		Receiving subminiature RF pentode.
985-----			985-----		Receiving duodiodo rectifier.
SN986-----			SN986-----		Receiving subminiature mixer (similar to 6AS6).
986-----			986-----		Receiving duodiodo rectifier.
SA987-----			SA987-----		Low drain secondary emission pentode.
SA988-----			SA988-----		Receiving subminiature low mu triodo.
SA989-----			SA989-----		Receiving subminiature duodiodo.
SA990-----			SA990-----		Receiving subminiature remote cut-off pentode.
GL991-----			991-----		See 991.
SA991-----			SA991-----		Receiving subminiature AF power amplifier.
991-----	N16-T-69910----	F	991-----	NE16, GL991, CD2005, Navy VG-9	Neon voltage regulator or indicator tube (selected NE48).
SA992-----			SA992-----		Receiving subminiature high mu triodo.
SA993-----			SA993-----		Receiving subminiature low mu triodo.
SA994-----			SA994-----		Receiving subminiature duodiodo.
SA995-----			SA995-----		Receiving subminiature remote cut-off pentode.
SA996-----			SA996-----		Receiving subminiature sharp cut-off pentode.
SD997-----			SD997-----		High mu triodo.
SD998-----			SD998-----		High mu triodo with feed back probe.
H1000-----			5C22-----		Grid controlled gas rectifier; see 5C22.
V-1000-----			1N33-----		See 1N33.
1000-----			1000UHF-----		See 1000UHF.
1000 Spec-----			6C21-----	ZP527-----	See 6C21.
1000T-----	N16-T-69916----		1000UHF-----		See 1000UHF.
1000UHF-----			1000UHF-----	1000, 3-1000A4/1000T-	Transmitting triodo.
R1001-----			3C36-----		Transmitting UHF triodo; see 3C36.
K1002P1-----	N16-T-69920----		K1002P1-----		Cathode ray.
SR1002-----			SR1002-----		Receiving subminiature triodo (similar to 6K4).
CK1003-----	N16-T-70030----		OZ4A/1003-----		See OZ4A/1003.
CK1003/OZ4A-----			OZ4A/1003-----		See OZ4A/1003.
K1003P1-----	N16-T-69922----		K1003P1-----		Cathode ray (electrostatic focus and deflection).
K1003P2-----			K1003P2-----		Cathode ray.
K1003P4-----	N16-T-69922-40-		K1003P4-----		Cathode ray.
K1003P7-----			K1003P7-----		Cathode ray.
K1003P11-----			K1003P11-----		Cathode ray.
1003-----			OZ4A/1003-----		See OZ4A/1003.
1003/OZ4A-----			OZ4A/1003-----	OZ4A, CK1003/OZ4A----	See OZ4A/1003.
CK1004-----			1004-----		See 1004.
1004-----	N16-T-70040----		1004-----	CK1004-----	Receiving duodiodo gas rectifier.
CK1005-----			1005-----		See 1005.

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1005-----	N16-T-70050----	J	1005-----	CK1005, QMG159-----	Receiving duodiode gas rectifier.
CK1006-----			1006-----		See 1006.
SN1006-----	N16-T-70055----		5646-----		Receiving subminiature high mu triode (SD-917A version in T-2).
1006-----	N16-T-70060----		1006-----	CK1006-----	Receiving duodiode gas rectifier.
CK1007-----			1007-----		See 1007.
SN1007-----	N16-T-70063----		5636-----		See 5636.
SN1007A-----	N16-T-70065----		5636-----		See 5636.
1007-----	N16-T-70070----	F	1007-----	CK1007-----	Receiving duodiode gas rectifier.
CH1008-----			CH1008-----		Miniature gas triode pulse generator.
CK1008-----			1008-----		See 1008.
1008-----	N16-T-70080----		1008-----	CK1008-----	Receiving duodiode gas rectifier.
CK1009-----	N16-T-70090----		1009/BA-----		Gas rectifier.
CK1009BA-----	N16-T-70095----		1009/BA-----		Gas rectifier.
1009-----			1009/BA-----	CK1009, BA-----	Receiving duodiode gas rectifier.
1009/BA-----	N16-T-70095----		1009/BA-----	CK1009, BA, 1009 CK1009/BA	Receiving duodiode gas rectifier.
CD1010CL-----			VG-11-----	NE-2-----	Neon lamp.
CK1010-----			1010-----		See 1010.
1010-----			1010-----	CK1010-----	Receiving duodiode gas rectifier.
CK1011A-----			1B48-----		See 1B48.
CK1012-----			CK1012-----		Receiving duodiode gas rectifier.
K1012-----			3JP1-----		See 3JP1.
A1013-----	F16-T-70102-95-		A1013-----		Magnetron.
CK1013-----	N16-T-70103----		5517-----	QM296, 5517/CK1013	See 5517.
SN1016A-----	N16-T-70106----		SN1016A-----		Receiving subminiature sharp cut-off pentode.
CK1017-----			BS101-----		See BS101.
K1017P1-----	N16-T-70107----		K1017P1-----		Cathode ray, high voltage (electrostatic focus and deflection).
K1017P11-----	N16-T-70117----		K1017P11-----		Cathode ray.
CK1018-----			CK1018-----		Geiger-Mueller counter tube.
CK1019-----			CK1019-----		Geiger-Mueller counter tube.
K1019P1-----	N16-T-70119----		K1019P1-----		Cathode ray, 20 inch (electrostatic focus and deflection).
K1019P7-----	N16-T-70119-50-		K1019P7-----		Cathode ray.
CK1020-----			CK1020-----		Geiger-Mueller counter tube.
CK1021-----			CK1021-----		Geiger-Mueller counter tube.
CK1023-----			CK1023-----		Geiger-Mueller counter tube.
E1024-----			VT114(Br.)-----		See VT114(Br.).
CV1031-----			536-----		See 536.
SD1033-----			5722-----		See 5722.
NV-R1038-----			R1038-----		See R1038.
R1038-----	N16-T-70126----		R1038-----	NU-R1038-----	Ionization gauge.
1038AV-----					Phototube.
SN1039A-----	N16-T-70126-65-		SN1039A-----		Receiving subminiature sharp cut-off pentode.
R1045-----			1Z2-----		See 1Z2.
CV1054-----			VU504-----	VU504-----	See VU504.
HK1054L-----			750TL-----		See 750TL.
N1060-----			2C53-----		See 2C53.
SD1066A-----			1D3-----		See 1D3.
CK1089-----	N16-T-70128----		CK1089-----		Gas rectifier.
CK1091-----			2B25-----		See 2B25.
1091-----			2B25-----	CK1091-----	Miniature type diode vacuum rectifier.
SN1096A-----			SN1096A-----		Receiving subminiature RF pentode.
R1100-----	N16-T-70129----		1100-----		Pirani tube.
R1100(Syl)-----			1100-----		See 1100.
1100-----			1100-----	R1100 (Syl)-----	Pirani type manometer tube.
1103D-----			1103D-----		Receiving subminiature semi-remote cut-off pentode.
1103S-----			1103S-----		Receiving subminiature semi-remote cut-off pentode.
1106-----	N16-T-70129-10-		1106-----		Receiving subminiature twin diode.
R1111-----	N16-T-70129-20-		R1111-----		Gas, measuring tube.
CV1114-----			VT114(Br.)-----		See VT114(Br.).
1125A-----			1125A-----		Receiving subminiature triode.
1129-----			1129-----		General Electric Mazda lamp.
R1130-----	N16-T-70130----		1B59-----		Cold cathode.
R1130B-----	N16-T-70135----		1B59-----	1B59/R1130B-----	See 1B59.
1130-----			1130-----		Superseded by 1130B.
1130B-----			1B59-----	R1130B-----	Cold cathode crater lamp (Sylvania); see 1B59.
R1131A-----			R1131A-----		Improved version of R1131.
R1131(Syl)-----			1131-----		See 1131.
1131-----	N16-T-70138----		1131-----	R1131 (Syl)-----	Cold cathode crater lamp.
1131A-----	N16-T-70138-20-		1131A-----		Cold cathode.



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1132D (B)-----			1132D (B)-----		Receiving subminiature RF pentode sharp cut-off double ended.
1133D-----			1133D-----		Receiving subminiature dual control pentode sharp cut-off double ended.
GE1144A-----			38111-----		See 38111.
1145-----			1145-----		Neon lamp regulator (Sylvania).
E1148-----	N16-T-70140----		E1148-----	HY-E1148-----	Transmitting triode.
HY-E1148-----			E1148-----		See E1148.
RL159(Syl)-----			1159-----		See 1159.
1159-----			1159-----	RL159 (Syl)-----	Miniature type diode gas voltage regulator.
RL160A-----			1B46-----		See 1B46.
E1189-----			NT98-----		See NT98.
E1190-----			CV55-----		See CV55.
E1198-----			CV38-----		See CV38.
NUL201-----			7E5-----		See 7E5.
1201-----			7E5/1201-----	NUL201-----	See 7E5/1201.
1201A-----			7E5/1201-----		See 7E5/1201.
NUL203A-----			7C4-----		See 7C4.
1203-----			7C4/1203A-----		See 7C4/1203A.
1203A-----			7C4/1203A-----	NUL203A-----	See 7C4.
1204-----			7AB7/1204-----	SC651-----	Receiving UHF pentode.
1205-----			1205-----	SD673D-----	Receiving lock-in type UHF amplifier.
1206-----			7G8/1206-----	SD706-----	See 7G8.
1207-----			1207-----	SC679C-----	Receiving lock-in type UHF twin triode (common plate).
1221-----			1221-----		Receiving triple grid pentode amplifier.
1223-----			1223-----	N250-----	Receiving pentode amplifier (Type 6C6 characteristics), 1221 with octal base.
1225-----	N16-T-70145----		1225-----		Receiving lock-in type.
1227-----			1227-----		Electrometer tube.
1229-----	N16-T-70149----		1229-----		Receiving tetrode amplifier (similar to Types 32, 32E and 932).
1230-----			1230-----		Receiving triode amplifier (similar to Type 30).
HY1231Z-----			HY31Z/HY1231Z--		6 or 12 volt HY31Z; see HY31Z/HY1231Z.
1231-----	N16-T-70151----		1231-----		Receiving lock-in type pentode amplifier (similar to 1B51, 7W7, 7W7).
E1232-----			CV92-----		See CV92.
1232-----			7G7-----		See 7G7.
E1235-----			CV29-----		See CV29.
1236-----	N16-T-70156----		1236-----		Voltage regulator.
Sylvania 1245--			1245-----		See 1245.
1245-----			1245-----	Sylvania 1245-----	Hearing aid type pentode amplifier.
Sylvania 1246--			1246-----		See 1246.
1246-----			1246-----	Sylvania 1246-----	Hearing aid type pentode power amplifier
1247-----	N16-T-70159----		1247-----		Receiving subminiature diode.
CE1250-----			CR1250-----		See CR1250.
CR1250-----			CR1250-----	CE1250-----	Diode gas rectifier.
1254-----			FG154-----		See FG154.
1257-----			FG57-----		See FG57.
1265-----			1265-----		Diode gas voltage regulator (similar to OC3/VR105).
1266-----			1266-----		Diode gas voltage regulator (similar to WE313C).
1267-----			FG67-----		See FG67.
1267 (Syl)-----			1267 (Syl)-----		Cold cathode grid controlled gas rectifier (triode).
HY1269-----	N16-T-70169----		HY1269-----		6 or 12 volt HY69; see HY69.
1272Y-----	N16-T-70170-20--		1272Y-----	DL60206-----	UHF special purpose (similar to 708A and DL60127).
E1273-----			CV58-----		See CV58.
1273-----			1273-----		Receiving pentode amplifier, non-microphonic (similar to 7C7).
1274-----	N16-T-70171----		1274-----		Full wave rectifier.
1276-----			1276-----	WE205D-----	(Sylvania).
1278-----			38278-----		See 38278.
1278-GY2-----			GY2-----	DL61831-----	See GY2.
1280-----			1280-----		14 volt version of 1273.
1280CT-----			2K40-----	DL64694-----	See 2K40.
1282-----			7W7-----		See 7W7.
1284-----			1284-----		Receiving UHF pentode.
1285-----			1285-----		Receiving beam power amplifier.
1287-----			287A-----	WE287A-----	See 287A.
1287Y-----			711A-----	WE711A-----	See 711A.
1288-----	N16-T-70173----		1288-----		Receiving lock-in type twin triode, special 1291.

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1289-----			1289-----		Receiving lock-in type UHF triode ampli- fier.
1289CT-----			D167158-----	WE167158-----	See D167158.
1290-----			FG190-----		See FG190.
1291-----			3B7/1291-----		See 3B7.
1292-----			1292-----		Superseded by 3B7/1291.
1293-----			1293-----		Receiving UHF triode amplifier.
1294-----			1R4/1294-----		See 1R4.
1295-----			FG95-----		See FG95.
1296-----			1296-----		Receiving lock in type UHF power output.
1297-----			4B27-----	3B397, 16X897GE-----	See 4B27.
1298-----			1298-----		Receiving lock-in type.
1299-----			3D6/1299-----		See 3D6.
1299XQ-----			3B24-----		See 3B24.
W1301-----			NR74-----		See NR74.
1301-----			01-----		See 01.
1301M-----			D160573-----		See D160573.
Z1304-----					General Electric cathode ray.
E1320-----			CV51-----		See CV51.
E1325-----			CV56-----		See CV56.
1325M-----			D161145-----		See D161145.
E1326-----			CV56-----		See CV56.
1330M-----			725A-----		See 725A.
1331-----			724A-----		See 724A.
E1342-----			CV64-----		See CV64.
CW1344-----			215A-----		See 215A.
1344-----			215A-----	WE215A, CW1344, 3B015	See 215A.
CV1362-----			VT25(Br.)-----		See VT25(Br.).
1364XQ-----			1364XQ-----		Replaced by 2K50 (1462).
E1365-----			CV114-----		See CV114.
1365-----			CV114-----		See CV114.
GL1367-----			1367-----		See 1367.
1367-----			1367-----	GL-1367-----	Grid controlled rectifier.
E1368-----			CV90-----		See CV90.
1374GT-----			D163876-----		See D163876.
WE1378X-----			1B22-----		See 1B22.
1378X-----			1B22-----	WE1378X-----	See 1B22.
Special 1379M-----			4J78-----		See 4J78.
1379M-----			4J45-47-----		See 4J45-47.
1381HQ-----			6AK5-----	731A-----	See 6AK5.
1382M-----			5J21-5J25-----		See 5J21 to 5J25.
1384M-----			730A-----		See 730A.
1391X-----			1B31-----		See 1B31.
1391Z-----			1B31-----		See 1B31.
1392M-----			2J49-----		See 2J49.
1393M-----			2J50-----		See 2J50.
1397M-----			4J50-----		See 4J50.
1400XQ-----			2K22-----		See 2K22.
1401-----			4J26-30-----		See 4J26-30.
1402-----			4J21-25-----		See 4J21-25.
1407XQ-----			2K45-----		See 2K45.
1407XQ-----			2K45-----		See 2K45.
1407XQ-----			2K24-----		See 2K24.
1410XQ-----			2K25-----		See 2K25.
1411XQ-----			2K26-----		See 2K26.
1411XQ-1412XQ-----			2K26-----		See 2K26.
1413XQ-----			2K27-----		See 2K27.
1414XQ-----			2K29-----		See 2K29.
1414XQ-1415XQ-----			2K29-----		See 2K29.
E1415-----			CV117-----		See CV117.
1424M-----			2J51-----		See 2J51.
1424XQ-----			2J51-----		See 2J51.
1428XQ-----			2K23-----		See 2K23.
1429CT8-----			2K48-----		See 2K48.
1429CT9-----			2K49-----		See 2K49.
1437GT-----			1B29-----		See 1B29.
1439GT-----			1B42-----		See 1B42.
1439XQ-----			723A/B-----		See 723A/B.
E1440-----	N16-T-70190-----		E1440-----		Magnetron.
1440M-----			4J42-----		See 4J42.
1443M-----			4J51-----		See 4J51.
1444-----			1444-----	CW933, CG990-----	Navy number; prior to 1932.
Z1450-----			5710-----		See 5710.
1454-----	N16-T-70185-----		1454-----	1454 (BTL)-----	High transconductance miniature pentode.
1454(BTL)-----			1454-----		See 1454.
1456M-----			3J21-----		See 3J21.
1462-----			2K50-----		See 2K50.

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BTL1466-----			5649-----		See 5649.
1468-----			2K54-----		See 2K54.
1469-----			2K55-----		See 2K55.
1471-----			4J52-----		See 4J52.
1475M-----			5J26-----		See 5J26.
WF1491-----			2C51-----		See 2C51.
Z1497-----			Z1497-----		Ruggedized version of 2C51.
WF1498-----	N16-T-70190----		#E1498-----		Miniature pentode.
Z1498-----			Z1498-----		Ruggedized version of 12AU7.
Z1499-----			Z1499-----		Ruggedized version of 6AQ5.
1500T-----	N16-T-70200----		1500T-----	3-1500A3/1500T-----	Transmitting triode.
1522-----			419A-----		Improved 2K45; See 419A.
1530P1-----	N16-T-70230----		1530P1-----		Strobo-tron.
W1535-----			6F6G-----		See 6F6G.
1538-----			5780-----		See 5780.
1546-----			1546-----	#E419A-----	Receiving power output tube.
1547-----			1547-----	#E417A-----	Receiving 9 pin miniature triode.
CEL1552-----			C5B-----		See C5B.
1552-----			C5B-----	CEL1552, 5C30-----	See C5B.
1553-----			416A-----		See 416A.
HK1554-----			HK1554-----		Transmitting triode amplifier.
1554-----			5755-----	420A-----	Twin triode, receiving.
VCL1568-----			1R6-----		See 1R6.
BTL1596-----			5650-----		See 5650.
GL1602-----			1602-----		See 1602.
RCA1602-----			205E-----		See 205E.
1602-----			1602-----	GL1602-----	Transmitting triode amplifier (special type 10-For low microphonic applications).
GL1603-----			1603-----		See 1603.
1603-----	N16-T-71030----		1603-----	GL1605-----	Receiving low microphonic, low hum, low noise, triple grid pentode (replace with 6C6).
1605-----	N16-T-71050----		1605-----		Receiving triode amplifier (obsolete-used in noise measurement equipment).
GL1608-----			1608-----		See 1608.
1608-----			1608-----	GL1608-----	Transmitting high Mu triode amplifier modulator oscillator.
GL1609-----			1609-----		See 1609.
1609-----	N16-T-71090----		1609-----	GL1609-----	Receiving pentode amplifier (low microphonic).
GL1610-----			1610-----		See 1610.
1610-----	N16-T-71110----		1610-----	GL1610-----	Transmitting pentode amplifier oscillator (selected 47 with transmitting ratings).
1611-----	N16-T-71115----		1611-----		Receiving pentode amplifier (selected 6F6 for cut off).
GL1612-----			1612-----		See 1612.
1612-----	N16-T-71120----		1612-----	GL1612-----	Receiving pentagrid amplifier (selected 6L7- For low microphonic applications).
GL1613-----			1613-----		See 1613.
1613-----	N16-T-71130----	F	1613-----	GL1613, HT6L6GX-----	Transmitting pentode amplifier (selected 6F6 with transmitting ratings).
GL1614-----			1614-----		See 1614.
1614-----	N16-T-71140----		1614-----	GL1614, HT6L6GX-----	Transmitting tetrode amplifier (selected 6L6 with transmitting ratings). (replace with 6L6).
GL1616-----			1616-----		See 1616.
1616-----	N16-T-71160----	J	1616-----	39267, GL1616-----	Transmitting diode vacuum rectifier.
1617-----			1617-----		Receiving high gain triple grid amplifier-Obsolete-Replace with 6AC7 with circuit changes.
GL1619-----			1619-----		See 1619.
1619-----	N16-T-71190----	F	1619-----	GL1619-----	Transmitting pentode amplifier (quick heating filamentary cathode).
GL1620-----			1620-----		See 1620.
K1620-----			1620-----		
1620-----	N16-T-71200----		1620-----	GL1620-----	Receiving triple grid amplifier detector (selected 6J7 for low microphonic applications)-Discontinued.
GL1621-----			1621-----		See 1621.
1621-----	N16-T-71210----		1621-----	GL1621-----	Receiving pentode amplifier (selected 6F6 for long life).
GL1622-----			1622-----		See 1622.
1622-----	N16-T-71220----	F	1622-----	GL1622-----	Receiving tetrode amplifier (selected 6L6 for long life).
GL1623-----			1623-----		See 1623.

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1623-----	N16-T-71230----		1623-----	GL1623-----	Transmitting triode amplifier (similar to 120 and 809 but with Mu of 20).
GL1624-----			1624-----		See 1624.
1624-----	N16-T-71240----	F	1624-----	A4154D, GL1624-----	Transmitting beam power amplifier-Quick heating filamentary cathode.
GL1625-----			1625-----		See 1625.
NUI625-----			1625-----		See 1625.
RK1625-----			1625-----		See 1625.
1625-----	N16-T-71250----	F	1625-----	NUI625, RK1625, GL1625, RCA1625	Transmitting beam power amplifier (Type 807 characteristics, but with 12.6w. heater).
GL1626-----			1626-----		See 1626.
1626-----	N16-T-71260----	F	1626-----	GL1626-----	Transmitting triode amplifier-Low drift oscillator.
GL1627-----			1627-----		See 1627.
1627-----	N16-T-71270----		1627-----	GL1627-----	Transmitting triode power amplifier (obsolete, Type 810 characteristics but with 5V-9A filament).
1628-----			1628-----		Transmitting triode amplifier (obsolete, superseded by 8012).
GL1629-----			1629-----		See 1629.
1629-----	N16-T-71290----	F	1629-----	GL1629-----	Electron ray tuning indicator (similar to 6E5, but with 12.6v. heater).
1630-----	N16-T-71300----		1630-----	A5589A, 12H-----	Orbital beam hexode UHF amplifier (obsolete).
GL1631-----			1631-----		See 1631.
1631-----	N16-T-71310----		1631-----	GL1631-----	Receiving beam power amplifier (12.6V. heater version of 6L6).
GL1632-----			1632-----		See 1632.
1632-----	N16-T-71320----		1632-----	GL1632-----	Receiving beam power amplifier (12.6v. heater version of 25L6).
GL1633-----			1633-----		See 1633.
1633-----	N16-T-71330----		1633-----	GL1633-----	Receiving twin triode amplifier (25v. heater version of 6SN7GT).
GL1634-----			1634-----		See 1634.
1634-----	N16-T-71340----		1634-----	GL1634-----	Receiving twin triode amplifier (selected 12SC7 for matched triode units).
1635-----	N16-T-71350----	F	1635-----		Receiving twin triode amplifier (low distortion at low signal levels).
1636-----	N16-T-71360----	F	1636-----	A5594A-----	UHF beam deflection heptode amplifier.
RCA1637-----			1637-----		See 1637.
1637-----			1637-----	RCA1637, A4273, VT52 (Br.)	Pentode output amplifier.
RCA1638-----			1638-----		See 1638.
1638-----	N16-T-71380----		1638-----	RCA1638, R6139, VR54 (Br.)	Duodiode rectifier.
RCA1639-----			1639-----		See 1639.
1639-----			1639-----	RCA1639, A4270, VR55 (Br.)	Duodiode triode amplifier.
RCA1640-----			1640-----		See 1640.
1640-----			1640-----	RCA1640-----	Gas phototube, low microphonic.
GL1641-----			1641-----		See 1641.
1641-----	N16-T-71410----		1641-----	RK60, GL1641-----	Transmitting duodiode vacuum rectifier.
RCA1642-----			2C21-----		See 2C21.
1642-----			2C21-----	RCA1642, RK33, 39233----	See 2C21.
1643-----			1643-----		Pentode power amplifier.
1644-----	N16-T-71440----		1644-----		Receiving twin pentode power amplifier.
1645-----	N16-T-71450----		1645-----		Vacuum phototube with capacitance balancing electrode.
1649-----	N16-T-71490----		1649-----		Special-purpose pentode amplifier-Selected low microphonic 6AC7-Obsolete. replace with 6AC7W.
1650-----			1650-----		Special low leakage type 955 acorn.
1651-----	N16-T-71494----		1651-----		Transmitting diode vacuum rectifier (obsolete, for replacement only).
1651A-----			1651A-----		Rectifier (obsolete).
1652-----			1652-----		Transmitting RF triode amplifier oscillator-Water-cooled (obsolete).
1653-----			1653-----		Obsolete.
1654-----	N16-T-71500----		1654-----	R6193-----	Miniature type diode vacuum rectifier.
1655-----	N16-T-71550----		1655-----		Selected 6SC7 for matched sections.
1656-----	N16-T-71560----		1656-----		Selected 446B.
1657-----			1657-----		Type 2050 with pins 1 and 4 connected.
1658-----			1658-----	A205D-----	Receiving 2-volt filamentary triode-Low leakage.
1659-----	N16-T-71565----		1659-----	A4006B-----	Special selected 2A6.
1660-----			1660-----		Diode vacuum rectifier.

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1661-----			C6A-----	Navy type C, ELC6A----	See C6A.
1662-----			1662-----		Receiving miniature type pentode amplifier oscillator (selected 3A4).
1663-----			1663-----		Small, special-purpose.
1664-----			VT153-----	12C8-K9, 12C8 Special	See VT153.
1665-----			1665-----		Special 2050.
1666-----			1666-----		Selected 1S5.
1672-----			FG172-----		See FG172.
1674-----			38674-----	GE45X674, 5B24----	Replace with 4B25.
Z-1723-----			5797-----		See 5797.
Z1724-----			5798-----		See 5798.
CG1787-----			1787-----		See 1787.
1787-----	N16-T-71597----		1787-----	CG1787-----	Obsolete-Navy number; nearest equivalent is SE4374.
CK1800-----			2C50-----		Identical to 2C48, except triode connections are brought out independently.
1800-----			1800-----		Cathode ray (electrostatic focus, magnetic deflection)-Obsolete.
1801-----			1801-----		Cathode ray (electrostatic focus, magnetic deflection)-Obsolete.
1802P1-----			5BP1-----	2525A5-----	See 5BP1.
1802P3-----			5BP3-----		See 5BP3.
1802P4-----			5BP4-----	2525B5-----	See 5BP4.
1802P7-----	N16-T-71602----	D	5BP7-----		See 5BP7.
1803-----			12AP4-----		See 12AP4.
1803P4-----			12AP4-----	1803-----	See 12AP4.
1804P4-----			9AP4-----		See 9AP4.
1805P1-----			5AP1-----		See 5AP1.
1805P4-----			5AP4-----		See 5AP4.
1806P1-----			3EP1-----		See 3EP1.
1806P4-----			3EP4-----		See 3EP4.
1808P1-----			3CP1-----		See 3CP1.
1808P4-----			3CP4-----		See 3CP4.
1809P7-----			3CP7-----		See 3CP7.
1809P1-----			9JP1-----		See 9JP1.
1810P1-----	N16-T-71610----		1810P1-----	C7428,British VCRI39A 10E/466	Cathode ray (electrostatic focus and deflection).
1811P1-----			7CP1-----		See 7CP1.
1812P5-----			5FP5-----		See 5FP5.
1812P7-----			5FP7-----	GL475-----	See 5FP7.
1813P1-----			7BP1-----		See 7BP1.
1813P7-----			7BP7-----		See 7BP7.
1814P1-----			2AP1-----		See 2AP1.
1814P5-----			2AP5-----		See 2AP5.
1818A-----			38111A-----	WE211D-----	See 38111A.
1819B-----			212E-----	WE212E, 38112, 312E--	See 212E.
GL1840-----			1840-----		See 1840.
RCA1840-----			1840-----		See 1840.
1840-----			1840-----	GL1840-----	Orthicon.
1846-----	N16-T-71646----		1846-----	RCA1846-----	Iconoscope.
GL1847-----			1847-----		See 1847.
1847-----			1847-----	GL1847-----	Iconoscope (superseded by 5527).
GL1848-----			1848-----		See 1848.
1848-----			1848-----	GL1848-----	Iconoscope (superseded by 1846).
GL1849-----			1849-----		See 1849.
1849-----			1849-----	GL1849-----	Iconoscope (obsolete, superseded by 1850A).
GL1850-----			1850-----		See 1850.
1850-----			1850-----	GL1850-----	Iconoscope (obsolete, superseded by 1850A).
1850A-----	N16-T-71650----		1850A-----		Iconoscope.
GL1851-----			1851-----		See 1851.
1851-----	N16-T-71651----	F	1851-----	GL1851-----	Receiving pentodes amplifier (characteristics like 6AC7/1852).
1852-----			6AC7-----	6AC7/1852-----	See 6AC7.
1853-----			6AB7-----	6AB7/1853-----	See 6AB7.
CG1360-----			204A-----		See 204A.
1860-----			204A-----	CG1860, 38104-----	See 204A.
1861-----			218-----	38118-----	See 218.
1887-----			220B-----	38120, WE220B-----	See 220B.
GL1898-----			1898-----		See 1898.
1898-----			1898-----	GL1898-----	Cathode ray (obsolete).
GL1899-----			1899-----		See 1899.
1899-----			1899-----	GL1899-----	Cathode ray. Obsolete, superseded by 2F21.
V1901-----			VU504-----		See VU504.
GL1904-----			1904-----		See 1904.

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1904-----			1904-----	GL1904-----	Grid controlled gas rectifier.
VI920-----			CV121-----		See CV121.
1923-----			REL38-----		See REL38.
1923F-----			CV85-----		See CV85.
1924-----			CV100-----		See CV100.
1946-----			1946-----	C781-----	Transmitting type.
1947-----			1947-----	C773A-----	Transmitting type.
1948-----			1948-----	C787A-----	Transmitting type.
1949-----			1949-----	C785-----	Transmitting type.
1950-----			1950-----	C791-----	Transmitting type.
1960-----	N16-T-71660----	D	1960-----	S836-----	Diode gas switching tube.
1961-----	N16-T-71661----		1961-----	S843B-----	Diode gas switching tube.
1971-----			207-----	38107-----	See 207.
1984-----			38111-----	GE1144A, T211C, 835--	See 38111.
CD2000-----			CD2000-----		Special neon diode tube.
RCA2000-----			4B26-----		See 4B26.
2000-----			4B26-----	RCA2000, WE289A, GE189049, 38116, WL289416D	See 4B26.
2000T-----	N16-T-72005----		2000T-----	3-2000A3/2000T-----	Transmitting triode.
2002-----			2002-----		Cathode ray.
CD2005-----			991-----	2005, NE48, 991-----	Obsolete, see 991.
2005-----			991-----		See 991.
A2009J-----			8019-----		See 8019.
2027-----			CV125-----		See CV125.
2030/2031-----			2030/2031-----		Cathode ray (NU monotron).
GL2050-----			2050-----		See 2050.
WL2050-----			2050-----		See 2050.
2050-----	N16-T-72050----	F	2050-----	GL2050, B2A, WL2050--	Grid-controlled gas rectifier (tetrode) (metal version is GL502A).
2050 Special---			2050 Special---	R6237-----	Special type 2050.
2050W-----	N16-T-72050-20-		2050W-----		Ruggedized 2050.
GL2051-----			2051-----		See 2051.
2051-----	N16-T-72051----	F	2051-----	GL2051-----	Grid controlled gas rectifier (tetrode) (obsolete; use 2050).
RCA2052-----			2052-----		See 2052.
2052-----			2052-----	RCA2052-----	Grid-controlled gas rectifier (tetrode) (obsolete).
HK2054A-----			HK2054A-----	WE279A-----	Transmitting triode.
R2057E-----			R2057E-----		Secondary emission amplifier (similar to 1630).
2083-----	N16-T-72083----		2083-----		Gas rectifier.
2100A/100R-----			8020-----		See 8020.
CW2110-----			38111A-----		See 38111A.
NU2112B-----	F16-T-72112-40-		NU2112B-----		Cathode ray.
R2112A-----	F16-T-72112----		R2112A-----		Cathode ray.
A2116-----			2J41-----		See 2J41.
A2124A-----			8014A-----		See 8014A.
A2126-----			8003-----		See 8003.
A2130A-----			8005-----		See 8005.
A2137-----			VT90 (Br.)-----		See VT90 (Br.).
A2139-----			8012-----		See 8012.
A2140B-----			8017-----		See 8017.
A2154D-----			1624-----		See 1624.
2172-----			851-----	38151-----	See 851.
2179A-----			2C40-----		See 2C40.
2193-----	N16-T-72193----		5B21-----	G693, 217293, GE235, R15A, WL756776	Diode gas rectifier; see 5B21.
A2203-----			A2203-----		UHF triode amplifier oscillator.
2203-----	N16-T-72203----		2203-----		Cathode ray.
A2209-----			6J4-----		See 6J4.
A2209A-----			6J4-----		See 6J4.
A2212-----	N16-T-72212----		A2212-----		Transmitting UHF triode.
A2212B-----			4C33-----		See 4C33.
A2214B-----			3C32-----		Transmitting UHF triode amplifier; see 3C32.
A2222-----			2C43-----		See 2C43.
A2227-----			6F4-----		See 6F4.
A2229A-----			2C40-----		See 2C40.
A2251A-----			889R-----		See 889R.
A2251B-----			889AR-----		See 889AR.
2252-----			FG166-----	WL786-----	See FG166.
A2255-----			6C24-----		See 6C24.
A2294C-----			2C46-----		See 2C46.
2294-----	N16-T-72274----		2294-----		Receiving.
A2297-----			6L4-----		Special selected 6F4; see 6L4.
A2298-----			6Q4-----		Special selected 6F4; see 6Q4.

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A2302A-----	N16-T-72302----		A2302A-----		See 5675.
A2302B-----			5675-----		See 5675.
2302B-----	N16-T-72303----		5675-----		See 5675.
2302E-----	N16-T-72304----		6Q4-----		See 5675.
A2304-----			5794-----		See 6Q4.
A2317-----			A2320-----		Transmitting triode; see 5794.
A2320-----	N16-T-72320----		5794-----		Receiving.
A2342-----			2342B-----		See 5794.
2342B-----	N16-T-72342----		A2351-----		Phototube, ultra-violet (modified 935).
A2351-----			A2352-----		Transmitting high mu triode.
A2352-----	N16-T-72352----		3AP1-----	906P1-----	Transmitting low mu triode.
2501A3-----			3AP5-----		See 3AP1.
2501C3-----			3AP4-----	906P4-----	See 3AP5.
2501D3-----			5MP1-----		See 3AP4.
2505A5-----			5MP5-----		See 5MP1.
2505C5-----			5MP4-----		See 5MP5.
2505D5-----					See 5MP4.
2507-----			NT98-----		See 54-8H.
W2510-----			5LP1-----		See NT98.
2511A5-----			5LP2-----		See 5LP1.
2511B5-----			5LP5-----		See 5LP2.
2511C5-----			5LP4-----		See 5LP5.
2511D5-----					See 5LP4.
2512-----			9DP1-----		See 94-8-H.
2514A9-----			9DP2-----		See 9DP1.
2514B9-----			9DP3-----		See 9DP2.
2514C9-----			9DP4-----		See 9DP3.
2514D9-----			2522N1-----	128A-----	See 9DP4.
2522N1-----	N16-T-72552----		2523N1/128AS-----		Grid-controlled gas rectifier (Dumont).
2523N1/128AS-----			5BP1-----	1802P1-----	Grid-controlled gas rectifier (Dumont).
2525A5-----			5BP4-----	1802P4-----	See 5BP1.
2525B5-----			5BP5-----		See 5BP4.
2525C5-----			5JP1-----		See 5BP5.
2529A5-----			5JP2-----		See 5JP1.
2529B5-----			5JP5-----		See 5JP2.
2529C5-----			5JP4-----		See 5JP5.
2529D5-----			14AP1-----		See 5JP4.
2531A14-----			14AP2-----		See 14AP1.
2531B14-----			14AP5-----		See 14AP2.
2531C14-----			14AP4-----		See 14AP5.
2531D14-----			20AP1-----		See 14AP4.
2532A20-----			20AP2-----		See 20AP1.
2532B20-----			20AP5-----		See 20AP2.
2532C20-----			20AP4-----		See 20AP5.
2532D20-----			3GP1-----		See 20AP4.
2537A3-----			3GP5-----		See 3GP1.
2537C3-----			3GP4-----		See 3GP5.
2537D3-----			10Y-----	RK10, 210, 38110-----	See 3GP4.
2566A-----			1B23-----		See 10Y.
2779A-----			206-----	38106-----	See 1B23.
2933-----			81-----	38181-----	See 206.
2935A-----			217C-----		See 81.
2936-----			217C-----	38117-----	See 217C.
2936A-----			219-----	38119-----	See 217C.
2937-----			214-----	38114-----	See 219.
2938-----			219-----		See 214.
2967-----			ET3000-----		See 219.
ET3000-----					Cathode ray (electrostatic focus and deflection).
HF3000-----			HF3000-----		Transmitting triode.
L3002-----	N16-T-73002----		L3002-----		Magnetron.
WX3007-----					
HK3054-----			HK3054-----		Transmitting triode amplifier.
3064-----			4J70-77-----		See 4J70-77.
3069-----			866A/866-----	38166-----	See 866A/866.
3070-----			872A-----	38172-----	See 872A.
3071-----			869B-----	38169-----	See 869B.
WX3072-----			WX3072-----		Duodiode gas rectifier.
3072-----			857B-----	38157-----	See 857B.
WX3074-----			7C24-----		Transmitting UHF triode.
WX3089-----			WX3089-----		Transmitting HF triode.
WX3090-----			WX3090-----		Transmitting HF triode.
WX3092-----			VT158-----		See VT158.
3092-----			VT158-----		See VT158.
WX3102-----			WX3102-----		Transmitting HF triode.
UK3108-----			CV38-----		See CV38.
WX3116-----			WX3116-----		Velocity variation multiplier.

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3119-----			860-----	38160-----	See 860.
WX3121-----			WX3121-----		Velocity variation UHF oscillator.
3124A-----			861-----	38161-----	See 861.
WX3141-----			WX3141-----		Grid controlled rectifier (obsolete, superseded by KU676).
3150-----			NT98-----		See NT98.
WX3152-----			WX3152-----		UHF oscillator.
WX3153-----			WX3153-----		UHF oscillator.
WX3154-----			WX3154-----		Gas switching tube (TR).
WX3158-----			3J30-----		See 3J30.
WX3160-----			WX3160-----		Diode rectifier (ignitron).
WX3161-----	N16-T-73161----		WX3161-----		UHF load lamp.
WX3164-----			WX3164-----		UHF load lamp.
WX3165-----			WX3165-----		UHF load lamp.
WX3168-----			WX3168-----		UHF load lamp.
WX3169-----			C1A-----	Navy Type A-----	See C1A.
WX3170-----			C6A-----	Navy Type C-----	See C6A.
WX3172-----			WL672-----		See WL672.
WX3178-----			WX3178-----		UHF load lamp.
WX3187-----			414-----	WL414, GL414-----	See 414.
WX3194-----			WL682-----		See WL682.
WX3199-----			1B24-----		See 1B24.
3200-----	N16-T-73200----	N	3200-----	ZB3200-----	Transmitting triode amplifier modulator (Asperex).
ZB3201-----					
WX3210-----			1B26-----		See 1B26.
SE3222-----			22-----	3222, 38022, X222-----	Obsolete Navy number; see 22.
3222-----			22-----		See 22.
WX3225-----			WL473-----		Transmitting triode.
WX3230-----			WL678-----		See WL678.
WX3239-----			WX3239-----		Gas switching tube (TR).
WX3240B-----			1B45-----		See 1B45.
WX3240D-----			1B41-----		See 1B41.
WX3240G-----			1B49-----		See 1B49.
WX3243-----	N16-T-73243----		WX3243-----		Velocity variation UHF oscillator.
WX3243A-----			2K51-----		See 2K51.
WX3243B-----			2K52-----		See 2K52.
WX3243C-----			2K53-----		See 2K53.
WX3260-----			WL619-----		See WL619.
3294-----			865-----	33165-----	See 865.
3373-----			27-----	38027-----	See 27.
3382-----			112A-----	33012-----	See 112A.
3572-----			866A/866-----	NU866A/866-----	See 866A/866.
3675-----			862A-----	38162-----	See 862A.
3717-----			858-----	38158-----	See 858.
3720-----			40-----	38040-----	See 40.
3820, 3820A-----			38309, 38309A-----		See 38309, 38309A.
3841-----			80-----	38180-----	See 80.
3864A-----			864-----	38064-----	See 864.
3871-----			50-----	38050-----	See 50.
SE3872-----			30-----		See 30.
3872-----			30-----	38030, SE3872-----	See 30.
SE3873-----			32-----		See 32.
3873-----			32-----	38032, SE3873-----	See 32.
3918-----			874-----	39274-----	See 874.
3921-----			45-----	33045-----	See 45.
3924-----			24A-----	33024-----	See 24A.
3945-----			845-----	38145-----	See 845.
3982-----				38268-----	Gas phototube.
A4002B-----			837-----		See 837.
A4006B-----			1659-----		See 1659.
CD4006C-----			GE HE32-----		1 watt neon lamp, 105-125v., G-10 bulb.
A4051-----			807-----		See 807.
A4051G-----			8018-----		See 8018.
A4051R-----			8007-----		See 8007.
A4051J-----			807-----		See 807.
4077A-----			CV33-----		See CV33.
R4100-----			631P1-----		See 631P1.
R4101-----			SN4-----		See SN4.
4102-----			871-----	38171-----	See 871.
A4154D-----			1624-----		See 1624.
4171-----			71A-----	38071-----	See 71A.
R4200-----			643P1-----		See 643P1.
A4229-----			8001-----		See 8001.
4242A-----					
4251A-----					
4260-----			FG17-----		See FG17.



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4261-----			FG17-----	0517, 39217-----	See FG17.
A4270-----			1639-----		See 1639.
4270A-----			CV30-----		See CV30.
A4273-----			1637-----		See 1637.
A4273B-----			6SN7W-----		See 6SN7W.
4282A-----					
4282B-----					
4313C-----			CV75-----		See CV75.
R4330-----	N16-T-74330----		R4330-----		Flash tube.
4330-----			4330-----		Flash tube.
R4340-----	N16-T-74340----		R4340-----		Cold cathode.
A4361-----			6AK6-----		See 6AK6.
SE4374-----			SE4374-----	33001, 4374-----	Obsolete Navy number (for Marshall receivers)-Selected OIA (UX201A).
4374-----			SE4374-----		See SE4374.
A4375A-----			6AQ6-----		See 6AQ6.
4378-----			38304-----		See 38304.
A4389-----			50B5-----		See 50B5.
R4410-----	N16-T-74410----	B	R4410-----	ES10816-----	Diode gas discharge tube.
A4434-----			6J6-----		See 6J6.
A4442-----			6BF6-----		See 6BF6.
A4444-----	N16-T-74444----		A4444-----		Receiving miniature type remote pentode.
A4450-----			6AQ5-----		See 6AQ5.
A4454-----			26C6-----		See 26C6.
A4465E-----			26A6-----		See 26A6.
4465-----			35-----	38035-----	See 35.
A4466-----	N16-T-74466----		A4466-----		Receiving acorn type remote pentode amplifier.
A4475-----			6AS7G-----		Receiving vacuum twin triode for electronic voltage regulator.
A4481-----	N16-T-74481----		A4481-----		Receiving miniature.
A4485-----	N16-T-74485----		A4485-----		Receiving miniature type remote pentode amplifier.
A4498-----	N16-T-74498----		A4498-----		Receiving miniature.
A4522A-----	N16-T-74522----		A4522A-----		Receiving miniature.
A4524A-----	N16-T-74524----		A4524A-----		Receiving miniature.
A4535-----	N16-T-74535----		A4535-----		Receiving miniature.
A4541H-----	N16-T-74541----		5763-----		See 5763.
4610-----			36-----	38036-----	See 36.
4611-----			37-----	38037-----	See 37.
4612-----			38-----	38038-----	See 38.
S4677-----			S4677-----		Webster ballast tube.
A5006-----	N16-T-75006----		A5006-----		Diode pentode.
A5008A-----	N16-T-75006-30-		A5008A-----		Miniature diode pentode.
H5015-----			3D21-----		See 3D21.
A5023-----	N16-T-75023----	F			Special 12A6 with diode.
VX5031-----	F16-T-75431----		VX5031-----	5311-----	Phototube (Br.).
5137-----			3C45-----		See 3C45.
F5303-----			7C25-----		See 7C25.
Modified F5303-----			7C23-----		See 7C23.
5512-----			5512-----		Triode power amplifier oscillator.
5513-----	N16-T-75513----		5513-----		Transmitting, air cooled triode.
5514-----	N16-T-75514----		5514-----	HD69-----	Hi mu power triode. Supersedes HY30Z, HY40, HY40Z, HY51A, B and Z.
5516-----	N16-T-75516----		5516-----	HD57-----	Transmitting tetrode.
5517-----	N16-T-75517----		5517-----	CK1013, QW296, 5517/1013	Cold cathode gas rectifier, replaces 1B48.
5517/CK1013-----			5517-----	QW296, CK1013-----	See 5517.
5518-----	N16-T-75518----		5518-----		Transmitting forced air cooled triode.
5519-----			5519-----		X-ray tube.
5520-----			5520-----		X-ray tube.
5521-----			5521-----		X-ray tube.
5522-----			5522-----		X-ray tube.
5523-----			5523-----		X-ray tube.
5527-----	N16-T-75527----		5527-----		Television camera tube, supersedes type 1B47.
5528-----	N16-T-75528----		5528-----	CE326, C6L-----	Grid controlled gas rectifier.
5530-----	N16-T-75530----		5530-----		Transmitting forced air cooled triode.
5531-----			5531-----		Transmitting air cooled triode.
5532-----			5532-----		X-ray tube.
5533-----			5533-----		X-ray tube.
5534-----			5534-----		X-ray tube.
5535-----			5535-----		X-ray tube.
5536-----			5536-----		X-ray tube.
5537-----			5537-----		X-ray tube.
5539-----			5538-----		X-ray tube.
5539-----			5539-----		X-ray tube.

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5540-----			5540-----		X-ray tube.
5541-----	N16-T-75541----		5541-----		Transmitting forced air cooled triode.
5542-----			5542-----		Transmitting air cooled triode.
5544-----			5544-----		Thyratron, inert gas.
5545-----	N16-T-75545----		5545-----		Grid controlled gas rectifier.
5549-----	N16-T-75549----		5549-----		Transmitting forced air cooled triode.
GL5550/GL415----			5550-----		See 5550.
5550-----	N16-T-75550----		5550-----	GL-5550/GL415, WL-681/686	Diode gas rectifier (ignitron).
5550/GL415----			5550-----		See 5550.
GL5551/FG271----			5551-----		See 5551.
5551-----	N16-T-75551----		5551-----	GL-5551/FG-271, WL-652/657	Diode gas rectifier (ignitron).
GL5552/FG235A----			5552-----		See 5552.
WL5552/651----			5552-----		See 5552.
5552-----	N16-T-75552----		5552-----	WL-5552/651, WL-651/656, GL-5552/FG-235A	Diode gas rectifier (ignitron).
5552/FG235A----			5552-----		See 5552.
GL5553/FG253A----			5553-----		See 5553.
WL5553/655----			5553-----		See 5553.
5553-----	N16-T-75553----		5553-----	WL-5553/655, WL-655/659, GL-5553/FG-253A	Diode gas rectifier (ignitron).
5553/FG238A----			5553-----		See 5553.
5553/FG-259A----			5553-----		See 5553.
GL5554/FG257B----			5554-----		See 5554.
WL5554/679----			5554-----		See 5554.
5554-----	N16-T-75554----		5554-----	GL-5554/FG-257B, WL-679, WL-5554/679	Diode gas rectifier (ignitron).
5554/257B----			5554-----		See 5554.
5554/FG-257B----			5554-----		See 5554.
WL5555/653B----			5555-----		See 5555.
5555-----	N16-T-75555----		5555-----	WL-653B, WL-5555/653B-	Diode gas rectifier (ignitron).
5555/FG233B----			5555-----		See 5555.
GL5556/PJ9----			5556-----		See 5556.
5556-----	N16-T-75556----		5556-----	GL-5556/PJ-8-	Transmitting triode (low power).
GL5557/FG17----			FG17-----		See FG17.
WL5557/17----			FG17-----		See FG17.
5557-----	N16-T-75557----		FG-17-----	GL-5557/FG-17, WL-5557/17. UE967	See FG-17.
GL5559/FG32----			FG32-----		See FG32.
WL5559/32----			FG32-----		See FG32.
5559-----	N16-T-75559----		FG-32-----	GL-5559/FG-32, WL-5559/32	See FG-32.
GL5559/FG57----			FG57-----		See FG57.
WL5559/57----			FG57-----		See FG57.
5559-----	N16-T-75559----		FG-57-----	GL-5559/FG-57, WL-5559/57 WL-631	See FG-57.
5559/FG57----			FG57-----		See FG57.
GL5560/FG95----			FG95-----		See FG95.
5560-----	N16-T-75560----		FG-95-----	GL-5560/FG-95, WL-632A 1295	See FG-95.
5560/FG-95----			FG95-----		See FG95.
GL5561/FG104----			FG104-----		See FG104.
WL-5561/104----			FG104-----		See FG104.
5561-----	N16-T-75561----		FG-104-----	GL-5561/FG-104, WL-5561/104	See FG-104.
5562-----	N16-T-75562----		5562-----		Transmitting tetrode.
5563-----	N16-T-75563----		5563-----		Grid controlled rectifier.
5564-----	N16-T-75564----		5564-----		Diode gas rectifier (ignitron).
5566-----	N16-T-75566----		5566-----	WL101	High vacuum rectifier.
5567-----	N16-T-75567----		5567-----		High vacuum rectifier.
5568-----	N16-T-75568----		5568-----		High vacuum rectifier.
5569-----	N16-T-75569----		5569-----		High vacuum rectifier.
5570-----	N16-T-75570----		5570-----		High vacuum rectifier.
5571-----	N16-T-75571----		5571-----		High vacuum rectifier.
5572-----	N16-T-75572----		5572-----		High vacuum rectifier.
5573-----	N16-T-75573----		5573-----		High vacuum rectifier.
5574-----	N16-T-75574----		5574-----		High vacuum rectifier.
5575-----	N16-T-75575----		5575-----	WL100	High vacuum rectifier.
5576-----	N16-T-75576----		5576-----		High vacuum rectifier.
5577-----	N16-T-75577----		5577-----		High vacuum rectifier.
5578-----	N16-T-75578----		5578-----		High vacuum rectifier.
A5581A-----			6SB7-----		See 6SB7.
5581-----	N16-T-75581----		5581-----		Gas phototube, S4 response (similar to 930).
5582-----	N16-T-75582----		5582-----		Gas phototube, S4 response (similar to 921).

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
5583-----	N16-T-75583----		5583-----		Gas phototube, S4 response (similar to 927).
5584-----	N16-T-75584----		5584-----		Gas phototube, S4 response (similar to 920).
A5586-----			1630-----		Superseded by A5588A (1630).
5586-----	N16-T-75586----		5586-----	HK7T-----	Magnetron, tunable 4J31-35.
A5588A-----			1630-----		See 1630
5588-----	N16-T-75588----		5588-----		Transmitting forced air cooled.
5589-----	N16-T-75589----		5589-----	5589/3768----	Three electrode, cold cathode, inert gas filled.
5589/3768----			5589-----		See 5589.
5590-----	N16-T-75590----		5590-----	5590/401A----	Receiving miniature pentode.
5590/401A----			5590-----		See 5590.
5591-----	N16-T-75591----		5591-----	5591/403B----	Receiving miniature pentode.
5591/403B----			5591-----		See 5591.
5592-----	N16-T-75592----		5592-----		Transmitting forced air cooled triode.
5593-----	N16-T-75593----		5593-----		Phase modulator tube.
5594-----	N16-T-75594----		5594-----		Grid controlled rectifier (similar to FG-17).
A5594A-----			1636-----		See 1636.
5603-----			5603-----	5603/398A----	Receiving power pentode amplifier.
5603/398A----			5603-----		See 5603.
5604-----			5604-----		Transmitting air cooled triode.
5605-----			5605-----		Crystal diode.
5607-----	N16-T-75607----		5607-----		Modified 6J21.
5608-----			5608-----		Receiving twin triode.
5608A-----			5608A-----		Double triode voltage amplifier.
5610-----			5610-----		Receiving miniature triode.
5611-----	N16-T-75611----		5611-----		Velocity variation oscillator.
5612-----	N16-T-75612----		5612-----		Gas phototube (S-4 response).
5613-----	N16-T-75613----		5613-----		Gas phototube (S-4 response).
5614-----	N16-T-75614----		5614-----		Gas phototube (S-4 response).
5615-----	N16-T-75615----		5615-----		Gas phototube (S-4 response).
5616-----	N16-T-75616----		5616-----		Gas phototube (S-4 response).
A5617-----	N16-T-75617----		5617-----		Double pentode balanced amplifier.
5617-----	N16-T-75617-50----		5617-----		Gas phototube (S-4 response).
5618-----	N16-T-75618----		5618-----		Receiving miniature pentode.
5619-----	N16-T-75619----		5619-----		Transmitting water cooled triode.
5620-----	N16-T-75620----		5620-----	FB-50-----	Ballast tube.
5621-----	N16-T-75621----		5621-----	B-6-----	Ballast tube.
5622-----	N16-T-75622----		5622-----	B-25-----	Ballast tube.
5623-----	N16-T-75623----		5623-----	B47-----	Ballast tube.
5624-----	N16-T-75624----		5624-----	B-46-----	Ballast tube.
5625-----			5625-----		High voltage rectifier.
5626-----			5626-----		Vacuum switch.
5627-----			5627-----		Vacuum switch.
5628-----			5628-----		Pressure indicator tube.
5629-----			5629-----		Pressure measuring compensator tube.
5630-----	N16-T-75630----		5630-----		Diode gas rectifier (Ignitron).
5632-----	N16-T-75632----		5632/C3J-----	C3J-----	Thyratron, gas triode.
5632/C3J-----			5632/C3J-----	5632, C3J-----	Thyratron, gas triode.
5633-----	N16-T-75633----		5633-----	SN-944-----	Receiving RF pentode (subminiature).
5634-----	N16-T-75634----		5634-----	SN-828E-----	Receiving RF pentode (subminiature).
5635-----	N16-T-75635----		5635-----	SN-955B-----	Receiving twin triode (subminiature).
5636-----	N16-T-75636----		5636-----	SN-1007A-----	Receiving pentode mixer (subminiature).
A5637E-----			26A7GT-----		See 26A7GT.
5637-----	N16-T-75637----		5637-----	SD-917A-----	Receiving hi mu triode (subminiature).
5638-----	N16-T-75638----		5638-----	SD-828A-----	Receiving audio pentode (subminiature).
5639-----	N16-T-75639----		5639-----	SN-953A-----	Receiving pentode (subminiature).
5640-----	N16-T-75640----		5640-----	SN-947-----	Receiving audio amplifier (subminiature).
5641-----	N16-T-75641----		5641-----	SN954-----	Low voltage rectifier (subminiature).
5642-----	N16-T-75642----		5642-----	SN-956A-----	High voltage rectifier (subminiature).
5643-----	N16-T-75643----		5643-----	SN-949-----	Grid controlled rectifier Thyratron (subminiature).
A5644-----			2686-----		See 2686.
5644-----	N16-T-75644----		5644-----	SN-948-----	Voltage regulator (subminiature).
5645-----	N16-T-75645----		5645-----	SN957A-----	Receiving low mu triode (subminiature).
5646-----	N16-T-75646----		5646-----	SN-1006-----	Receiving triode (subminiature, T-2).
5647-----	N16-T-75647----		5647-----	SN-946-----	Receiving diode (subminiature, T-1).
5648-----	N16-T-75648----		5648-----		Transmitting triode (similar to 2C39).
5649-----	N16-T-75649----		5649-----	BTL-1466, D170573----	Velocity variation L-band oscillator.
5650-----	N16-T-75650----		5650-----	BTLL596, D176627----	Velocity variation L-band oscillator.
5651-----	N16-T-75651----		5651-----	S901C-----	Voltage regulator (miniature VR-75).
5652-----	N16-T-75652----		5652-----		Vacuum phototube (blue sensitive).
5653-----	N16-T-75653----		5653-----		Vacuum phototube (S4 response).
5654-----	N16-T-75654----		5654-----		Receiving miniature pentode (mechanically improved 6AK5).

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
5655-----	N16-T-75655----		5655-----		Television camera tube (image orthicon). Receiving 9 pin miniature twin pentode (twin 6AK5).
5656-----	N16-T-75656----		5656-----	QM322-----	
5657-----	N16-T-75657----		5657-----		Magnetron (similar to HK7T). See 830. Directly interchangeable except for filament power.
5658-----	N16-T-75658----		5658-----		
5659-----	N16-T-75659----		5659-----		Mechanically improved 12A6. Mechanically improved 12C9. Beam deflection amplifier.
5660-----	N16-T-75660----		5660-----		
A5661-----			A5661-----		Mechanically improved 12SK7. Miniature inert gas thyatron.
5661-----	N16-T-75661----		5661-----		
5662-----			5662-----		Grid controlled rectifier, miniature tetrode.
5663-----	N16-T-75663----		5663-----		
5664-----	N16-T-75664----		5664-----	C18/A-----	Grid controlled rectifier, improved 3C31/C18. Grid controlled rectifier.
5665-----	N16-T-75665----		5665-----	C16V, 5665/C16J----	
5665/C16J-----			5665-----	5665, C16J-----	See 5665. Similar to 899A. Requires special water jacket.
5666-----	N16-T-75666----		5666-----	ML-309-----	
5667-----	N16-T-75667----		5667-----	ML309R-----	See 839RA. Directly interchangeable. Transmitting triode (similar to 892). Rotary spark gap-not a tube.
5668-----	N16-T-75668----		5668-----	ML-308-----	
W5669-----					Transmitting triode (similar to 892R). Receiving 9 pin miniature (mechanically improved 2C51).
5669-----	N16-T-75669----		5669-----	ML-308R-----	
5670-----	N16-T-75670----		5670-----		Transmitting forced air cooled triode. Receiving subminiature pentode. Twin triode electrometer tube.
5671-----			5671-----		
5672-----	N16-T-75672----		5672-----		Concentric line HF triode. Receiving triode (subminiature).
5674-----	N16-T-75674----		5674-----		
5675-----	N16-T-75675----		5675-----	A2302B-----	Receiving triode (subminiature). Receiving pentode (subminiature).
5676-----	N16-T-75676----		5676-----	CK556AX-----	
5677-----	N16-T-75677----		5677-----	CK569AX-----	Receiving duodiode (similar to 7A6). Transmitting triode.
5678-----	N16-T-75678----		5678-----	CK569CX-----	
5679-----	N16-T-75679----		5679-----		Grid controlled rectifier, improved C1J. Grid controlled rectifier, improved C3J.
5680-----			5680-----		
5683-----	N16-T-75683----		5683-----	C1J/A-----	Grid controlled rectifier, improved C6J. Receiving miniature pentode power amplifier.
5684-----	N16-T-75684----		5684-----	C3J/A-----	
5685-----	N16-T-75685----		5685-----	C6J/A-----	Receiving 9 pin miniature twin triode. Industrial 6SL7GT.
5686-----	N16-T-75686----		5686-----	QM328-----	
5687-----	N16-T-75687----		5687-----	TS229-----	Industrial 6SN7GT. Industrial 6SJ7.
5691-----	N16-T-75691----		5691-----		
5692-----	N16-T-75692----		5692-----		Receiving double triode amplifier. Gas rectifier.
5693-----	N16-T-75693----		5693-----		
5694-----			5694-----		Thyatron, miniature gas tetrode. Electrometer tube (subminiature).
5695-----	N16-T-75695----		5695-----		
5696-----	N16-T-75696----		5696-----		Receiving pentode subminiature (similar to 6AK5). Receiving triode subminiature.
5697-----	N16-T-75697----		5697-----	CK570AX-----	
5702-----	N16-T-75702----		5702-----	CK605CX-----	Receiving subminiature diode. Transmitting triode (similar to 892).
5703-----	N16-T-75703----		5703-----	CK608CX-----	
5704-----	N16-T-75704----		5704-----	CK606BX-----	Transmitting triode (similar to 892R). Transmitting forced air cooled triode.
5705-----			5705-----		
5706-----			5706-----		Transmitting forced air cooled triode. Receiving subminiature triode.
5710-----			5710-----	Z1450-----	
5713-----			5713-----		Receiving subminiature triode. Thyatron, mercury vapor.
5718-----	N16-T-75718----		5718-----	SN979-----	
5719-----	N16-T-75719----		5719-----	SH980-----	Velocity modulation reflex oscillator. Miniature diode.
5720-----			5720-----		
5721-----	N16-T-62053----		5721-----	QK205-----	Pentode voltage amplifier. Receiving rugged 6AL5.
5722-----	N16-T-75722----		5722-----		
5723-----			5723-----		Thyatron mercury vapor. Receiving UHF triode.
5726-----			5726-----		
5728-----			5728-----		Rugged 6K7 (Canadian). Triode transducer tube.
5731-----			5731-----		
5732-----			5732-----		Transmitting triode forced air cooled. Transmitting triode.
5734-----	N16-T-75734----		5734-----	C796C, C798B-----	
5735-----			5735-----		Electron beam commutator. Ionization gage.
5736-----			5736-----		
5737-----			5737-----		See 5740. Receiving space charge grid tube.
5738-----			5738-----		
5739-----			5739-----		High voltage high vacuum rectifier. Receiving triode power amplifier.
GL-5740/FP54-----			5740-----	GL-5740/FP-54-----	
5741-----			5741-----		Transmitting triode. Receiving subminiature triode.
5742-----			5742-----		
5743-----			5743-----		
5744-----	N16-T-75744----		5744-----	CK619-----	

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOWANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
5745-----			5745-----	WE394-----	X-ray tube.
5746-----			5746-----	WE394-----	X-ray tube.
5747-----			5747-----	WE394-----	X-ray tube.
5748-----			5748-----		X-ray tube.
5749-----			5749-----		Pentode voltage amplifier.
5750-----			5750-----		Miniature pentagrid converter.
5751-----			5751-----		Double-triode voltage amplifier.
5755-----			5755-----	420A, 1554-----	Twin triode, receiving.
5755/420A-----	N16-T-75755----		5755/420A-----		Twin triode transmitting.
5757-----			5757-----	QW502-----	Improved 2D21.
5760-----					Transmitting air cooled triode.
5762-----			5762-----		Receiving miniature beam power VHF amplifier.
5763-----			5763-----	A4541H-----	Probeless version of 2C36 for Navy application.
5764-----			5764-----	SB946B & D-----	Triode power amplifier oscillator.
5765-----			5766-----		Triode power amplifier oscillator.
5766-----			5767-----	S3946H-----	Television pick up tube.
5767-----			5768-----		Transmitting triode (modified 9C2).
5768-----			5769-----		Transmitting triode (modified 890).
5769-----			5770-----		Diode rectifier, ignitron.
5770-----			5771-----		Tunable pulsed magnetron.
5771-----					Subminiature gas diode
5775-----			5779-----		Diode, cold cathode reference tube.
5779-----	N16-T-75779----		5780-----	153B-----	Pentode voltage amplifier.
5780-----			CK5783-----		Miniature halfwave rectifier.
CK5783-----	N16-T-75783----		5783-----		Half wave rectifier.
5784-----			5784-----		Transmitting triode (modified 6C24).
CK5785-----	N16-T-75785----		CK5785-----		Diode, cold cathode voltage regulator.
5785-----			5785-----		Pulsed magnetron.
5786-----	N16-T-75786----		5786-----		K band TR tube.
5787-----			5787-----		K band ATR tube.
5789-----			5789-----		Gas switching tube (ATR).
5790-----			5790-----		Gas switching tube (ATR).
5791-----			5791-----		Transmitting UHF triode.
5792-----			5792-----	ATR345-----	Thyratron, inert gas.
5793-----			5793-----	ATR346-----	Receiving subminiature pentode.
5794-----	N16-T-75794----		5794-----	A2342-----	Receiving subminiature twin triode.
5796-----			5796-----		Receiving subminiature diode.
5797-----			5797-----	Z-1723-----	Receiving subminiature tetrode.
5798-----			5798-----	Z-1724-----	Receiving subminiature triode.
5799-----	N16-T-75799----		5799-----	VX-21-----	Receiving subminiature triode-improved
5800-----	N16-T-75800----		5800-----	VX-41A-----	5802.
5801-----	N16-T-75801----		5801-----	VX-33A-----	Receiving subminiature electrometer tube
5802-----	N16-T-75802----		5802-----	VX-32B-----	Receiving subminiature electrometer tube
5803-----	N16-T-75803----		5803-----		Television pick up tube.
5806-----			5806-----	P10-----	Receiving 9 pin miniature twin triode
5811-----			5811-----	G10-----	(industrial type 12AU7).
5813-----			5813-----		Velocity variation UHF oscillator.
5814-----	N16-T-75814----		5814-----	12AU7-----	Velocity variation UHF oscillator.
5817-----			5817-----	SRC12-----	Photo multiplier.
5818-----			5818-----	SRC13-----	Image orthicon (television).
5819-----	N16-T-75819----		5819-----		Ignitron (mercury).
5820-----	N16-T-75820----		5820-----		Ignitron.
5821-----			5821-----		Miniature, cold cathode glow discharge triode.
5822-----	N16-T-75822----		5822-----		Beam power amplifier.
5823-----			5823-----		Half wave high vacuum rectifier.
5824-----			5824-----		Image orthicon multiplier.
5825-----			5825-----		Subminiature medium mu triode.
5826-----			5826-----		Receiving subminiature twin diode.
5828-----			5828-----		Triode Thyratron.
CK5829-----			CK5829-----		Triode power amplifier oscillator.
5830-----			5830-----		Reflex Klystron.
5831-----			5831-----		Reflex Klystron.
5836-----			5836-----		Subminiature pentode ruggedized SN973C.
5837-----			5837-----		Voltage regulator.
5840-----	N16-T-75840----		5840-----		Reference cavity.
5841-----			5841-----		Pentode voltage amplifier.
5846-----			5846-----		X-ray rectifier tube.
5847-----			5847-----		X-ray rectifier tube.
5859-----			5859-----		Triode power amplifier.
5860-----			5860-----		
5861-----			5861-----		

**SECTION  
16-820  
ELECTRON  
TUBES**

**CATALOG of NAVY MATERIAL**

First Edition

August 1950

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TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
5874-----			5874-----		Triode modulator.
5879-----			5879-----		Pentode voltage amplifier.
CK5333-----			5889-----		See 5839.
5889-----			5899-----		Subminiature electrometer pentode.
5890-----			5890-----		Beam pentode voltage regulator.
5896-----			5896-----		Full wave rectifier.
5897-----			5897-----		Triode voltage amplifier oscillator.
5898-----			5898-----		Triode voltage amplifier.
5899-----			5899-----		Pentode voltage amplifier.
5900-----			5900-----		Pentode voltage amplifier.
5901-----			5901-----		Pentode voltage amplifier.
5902-----			5902-----		Receiving beam pentode (subminiature).
5903-----			5903-----		Receiving full wave rectifier (subminiature).
5905-----			5905-----		Receiving pentode (subminiature).
5910-----			5910-----		Pentode voltage amplifier.
5934-----			5934-----		Half wave rectifier.
X6000-----			3J30-----		See 3J30.
X6001-----			2J42-----		See 2J42.
X6002-----			3J31-----		See 3J31.
X6003-----			3J31-----		See 3J31.
X6007-----	N16-T-76007----		5791-----		See 5791.
X6010-----			1B26-----	WX3210-----	See 1B26.
X6011-----			1B24-----	WX3199-----	See 1B24.
X6012-----			1B28-----		See 1B28.
X6013-----			1B27-----		See 1B27.
X6015-----			1B36-----		See 1B36.
X6020-----			1N24-----		See 1N24.
X6021-----			1N26-----	DL69707-----	See 1N26.
R6025-----			10FP4-----		See 10FP4.
RD6025-----			RD6025-----		Cathode ray (magnetic focus and deflection).
X6030-----	N16-T-76030----		X6030-----		Diode rectifier.
X6031-----			1B35-----	ZG626-----	See 1B35.
Z6032-----			1B50-----		See 1B50.
X6033-----			1B51-----		See 1B51.
X6034-----			1B55-----	ZG625-----	See 1B55.
X6035-----			1B52-----	ZG621-----	See 1B52.
X6036-----			1B54-----		See 1B54.
X6044-----			1B63A-----		See 1B63A.
6048-----			655B, REL10-----		See 655B.
R6124-----			8004-----		See 8004.
R6130-----			4523-----		See 4523.
R6137B-----			8013A-----		See 8013A.
R6139-----			1638-----		See 1638.
R6146-----			8008-----		See 8008.
R6158A-----			1B36T/8016-----		See 1B36T/8016.
R6160-----			1C21-----		See 1C21.
R6174-----			8020-----		See 8020.
R6175B-----			5R4GY-----		See 5R4GY.
R6187-----			3B25-----		See 3B25.
R6193-----			1654-----		See 1654.
R6200-----			2D21-----		See 2D21.
R6210A-----			4C35-----		See 4C35.
R6212A-----	N16-T-76212----		R6212A-----	TT-1-----	Coaxial noise diode.
R6237-----			2050 Special-----		Special 2050.
R6238-----			4C35-----		See 4C35.
R6241-----			3D22-----		See 3D22.
R6243-----			5C22-----		See 5C22.
R6269-----			6AL5-----		See 6AL5.
R6272A-----			6AX5GT-----		See 6AX5GT.
R6277-----			6X4-----		See 6X4.
R6279-----			R6279-----		Selected 2B22 lighthouse diode.
R6285-----			R6235-----		Selected 2B22 lighthouse diode.
R6289-----	N16-T-76289----		R6289-----		Modified type 2D21.
UX6653-----	N16-T-76653----	D	UX6653-----		Gas switching tube.
F6660-----			562-----		See 562.
7000-----			7000-----		Receiving amplifier (selected 6J7).
R7011-----			1N21-----		See 1N21.
R7013-----			1N33-----	V-1000-----	Crystal detector.
RR7013-----			RR7013-----		Ballast tube.
X7047-----	N16-T-77047----		X7047-----		Gas switching tube.
C7063-----			1P24-----		See 1P24.
X7103-----			1N53-----		See 1N53.
C7104-----			1P22-----		See 1P22.
C7106-----			1P37-----		See 1P37.
X7107-----			5789-----		See 5789.

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X7108-----	N16-T-77108----		5790-----		See 5790.
X7109-----			X7109-----		TR tube.
R7113-----			1N38-----		See 1N38.
KR7184-----			7184-----		See 7184.
7184-----			7184-----	KR7184-----	Receiving pentode amplifier (similar to 6V6).
KR7193-----			7193-----		See 7193.
7193-----	N16-T-77193----	F	7193-----	KR7193-----	Transmitting and receiving UHF triode amplifier.
R7300-----	N16-T-77300----		R7300-----		Cold cathode gas discharge tube.
R7301-----	N16-T-77301----		R7301-----		Cold cathode gas discharge tube.
R7302-----	N16-T-77302----		R7302-----		Cold cathode gas discharge tube.
R7303-----	N16-T-77303----		R7303-----		Cold cathode gas discharge tube.
R7304-----	N16-T-77304----		R7304-----		Cold cathode gas discharge tube.
R7305-----	N16-T-77305----		R7305-----		Cold cathode gas discharge tube.
C7330-----	N16-T-77330----		C7330-----		Cathode ray.
C7332-----			3CP1-----		See 3CP1.
C7350-----			3AP1-----		See 3AP1.
C7364-----			2F21-----		Cathode ray type.
C7418-----			2AP1-----		See 2AP1.
C7428-----			1810P1-----		See 1810P1.
C7431-----			9JP1-----		See 9JP1.
C7442-----			12AP7-----		See 12AP7.
C7466A-----			7CP1-----		See 7CP1.
C7473D-----			5FP7-----		See 5FP7.
C7475A-----			7BP7-----		See 7BP7.
C7483-----			2AP1-----		See 2AP1.
C7485B-----			12DP7-----		See 12DP7.
C7487-----			9GP7-----		See 9GP7.
C7488-----			3BP1-----		See 3BP1.
C7489B-----			3BP1W-----		See 3BP1W.
C7491-----			5CP4-----		See 5CP4.
C7493-----			1P25-----		See 1P25.
C7497-----			3DP1-----		See 3DP1.
C7501-----			3HP7-----		See 3HP7.
C7508-----			5HP1-----		See 5HP1.
C7510-----			3CP1-----		See 3CP1.
C7512-----			5HP4-----		See 5HP4.
C7514-----			5LP1-----		See 5LP1.
C7516B-----			4AP10-----		See 4AP10.
C7519-----			5CP7-----		See 5CP7.
C7520-----			5CP1-----		See 5CP1.
C7523B-----			3JP1-----		See 3JP1.
C7555-----			3KP1-----		See 3KP1.
C7557-----			2P21-----		See 2P21.
C7557A-----			2P21-----		See 2P21.
R7601-----			SS501-----		See SS501.
K7610-----			SS502-----		See SS502.
R7610-----			SS502-----		See SS502.
7700-----			7700-----		Receiving triple grid amplifier (Type 6C6 characteristics).
7752-----			6AS6-----		See 6AS6.
7755-----			6AJ5-----		See 6AJ5.
7756-----			6AR6-----		See 6AR6.
XG7893-----			2K43-----		See 2K43.
GL8000-----			8000-----		See 8000.
8000-----	N16-T-78000----		8000-----	GL8000-----	Transmitting triode amplifier modulator oscillator.
GL8001-----			4E27-----		See 4E27.
8001-----			4E27-----	HK257, GL8001, A4229-	See 4E27.
GL8002-----			8002-----		See 8002.
GL8002R-----			8002R-----		See 8002R.
8002-----	N16-T-78002----		8002-----	GL8002-----	Transmitting power triode (HF heating application)-water cooled.
8002R-----	N16-T-78002-5--	J	8002R-----	GL8002R-----	Transmitting power triode.
8003-----	N16-T-78003----		8003-----	WL471, GL8003, A2126-	Transmitting and therapy type triode amplifier modulator oscillator.
8004-----			8004-----	R6124-----	
GL8005-----			8005-----		See 8005.
8005-----	N16-T-78005----	D	8005-----	GL8005, A2130A-----	Transmitting triode amplifier.
8006-----			8006-----		Obsolete, superseded by 807.
8007-----			8007-----	A4051H-----	See 8008.
CE8003-----			8008-----		See 8008.
EE8003-----			8008-----		See 8008.
GL8008-----			8008-----		See 8008.
8008-----	N16-T-78008----		8008-----		Transmitting diode gas rectifier (Type 872A/872 with heavy duty base).

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GL8009-----			8009-----		See 8009.
8009-----			8009-----	GL9009-----	Transmitting HF triode-Water cooled.
GL8010R-----			8010R-----		See 8010R.
8010AR-----	N16-T-73010-20-		8010AR-----		Supersedes 8010R (Type ZP449 rated to 3504C).
8010R-----			8010R-----	GL8010R-----	Transmitting UHF triode amplifier.
8011-----	N16-T-78011-----		VT90(Br.)/8011-	A2137, REL1, VT90(Br.), WL538	See VT90(Br.)/8011.
GL9012-----			8012-----		See 8012.
8012-----	N16-T-78012-----		8012-----	GL8012, A2139-	Superseded by 8012A.
8012A-----	N16-T-78012-50-		8012A-----		Transmitting UHF triode amplifier oscillator (supersedes 1628).
8013-----			8013A-----		See 8013A.
8013A-----	N16-T-78013-----	F	8013A-----	8013, R6137B-	Transmitting diode vacuum rectifier.
8014-----			8014A-----		See 8014A.
8014A-----	N16-T-78014-----	D	8014A-----	8014, A2124M-	Transmitting triode.
8016-----	N16-T-78016-----	D	8016-----	R6153-----	Transmitting diode vacuum rectifier.
8017-----			8017-----	A2140B-----	Replace with 1B3GT/3016.
8018-----	N16-T-78018-----		8018-----	VT60(Br.), A4051G-	Transmitting triode amplifier (obsolete)
8019-----	N16-T-78019-----		8019-----	A2009J, VT62 (Br.)--	Transmitting tetrode amplifier.
EE8020-----			8020-----		See UH50 (similar to UH50, 834, B711, 3048).
GL9020-----			8020-----		See 8020.
8020-----	N16-T-78020-----	G	8020-----	R6174, 100R, GL8020, 573 formerly GL451, 2100A/100R, EE8020--	See 8020.
8021-----			705A-----	WE705A-----	Transmitting diode vacuum rectifier.
8022-----			15R-----		Similar to CE220.
8023-----			15E-----		See 705A.
8024-----			8024-----	A359B-----	See 15R.
8025-----	N16-T-78025-----	E	8025-----		See 15E.
8025A-----	N16-T-73025-5--	E	8025A-----		Obsolete, superseded by type No. 832A.
8026-----			CV92-----	CV92, REL7, NT99, 4C27, CV92/4C27	Superseded by 8025A.
XG8071-----			2K42-----		Transmitting UHF triode.
XG8072-----			2K44-----		See CV92.
XZA9073-----			3K22-----		See 2K42.
8310A-----			310A-----		See 2K44.
GL9001-----			9001-----		See 3K22.
9001-----	N16-T-79001-----	F	9001-----	GL9001-----	See 310A.
GL9002-----			9002-----		See 9001.
9002-----	N16-T-79002-----	F	9002-----	GL9002-----	Receiving miniature type pentode.
9003-----	N16-T-79003-----	H	9003-----		See 9002.
GL9004-----			9004-----		Receiving miniature type triode.
9004-----	N16-T-79004-----	F	9004-----	653B, GL9004-----	Receiving miniature type pentode.
GL9005-----			9005-----		See 9004.
9005-----	N16-T-79005-----	E	9005-----	GL9005-----	Receiving acorn type UHF diode rectifier-Similar to C#10, except for pin connections.
9006-----	N16-T-79006-----	E	9006-----		See 9005.
ES10816-----			R4410-----		Receiving acorn type UHF diode rectifier
19210-----			CE35C-----		Receiving miniature type UHF diode rectifier.
24154-----	N16-T-79154-----		24154-----	GL534-----	See R4410.
24163-----			1S21-----	GL34-----	See CE35C.
A30970-----			A30370-----		Vacuum switch, long operating arm (obsolete).
38001-----			01A-----		Vacuum switch, short operating arm (superseded by 1S21).
38012-----			12A/112A-----	3332, 12A-----	Switch, not a tube.
38015-----			215A-----	WE215A, 1344-----	Obsolete Navy number; see 01A.
38019-----			19-----		Obsolete Navy number; see 12A/112A.
38022-----			22-----		Obsolete Navy number; see 215A.
38024-----			24A-----	3924-----	Obsolete Navy number; see 19.
38027-----			27-----	3373-----	Obsolete Navy number; see 22.
38030-----			30-----	3872-----	Obsolete Navy number; see 24A.
38031-----			31-----		Obsolete Navy number; see 27.
38032-----			32-----	3873-----	Obsolete Navy number; 30.
38032A-----			1B4P-----		Obsolete Navy number; see 31.
38033-----			33-----		Obsolete Navy number; see 32.
38034-----			34-----		Obsolete Navy number; see 1B4P.
38035-----			35-----	4465-----	Obsolete Navy number; see 33.
38036-----			36-----	4610-----	Obsolete Navy number; see 34.
38037-----			37-----	4611-----	Obsolete Navy number; see 35.
38038-----			38-----	4612-----	Obsolete Navy number; see 36.
38039-----			39-----		Obsolete Navy number; see 37.
					Obsolete Navy number; see 38.
					Obsolete Navy number; see 39.



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38040-----			40-----	3720-----	Obsolete Navy number; see 40.
38041-----			41-----		Obsolete Navy number; see 41.
38042-----			42-----		Obsolete Navy number; see 42.
38045-----			45-----	3721-----	Obsolete Navy number; see 45.
38047-----			47-----		Obsolete Navy number; see 47.
38050-----			50-----	3371-----	Obsolete Navy number; see 50.
38053-----			53-----		Obsolete Navy number; see 53.
38056-----			56-----		Obsolete Navy number; see 56.
38057-----			57-----		Obsolete Navy number; see 57.
38058-----			58-----		Obsolete Navy number; see 58.
38059-----			59-----		Obsolete Navy number; see 59.
38064-----			864-----	3864A-----	Obsolete Navy number; see 864.
38071-----			71A-----	4171-----	Obsolete Navy number; see 71A.
38075-----			75-----		Obsolete Navy number; see 75.
38076-----			76-----		Obsolete Navy number; see 76.
38077-----			77-----		Obsolete Navy number; see 77.
38078-----			78-----		Obsolete Navy number; see 78.
38085-----			85-----		Obsolete Navy number; see 85.
38089-----			89-----		Obsolete Navy number; see 89.
38101-----			801-----		Obsolete Navy number; see 801.
38101A-----			801A-----		See 801A.
38102-----			12A/112A-----		See 12A/112A.
38103-----			203A-----		Obsolete Navy number; see 203A.
38104-----			204A-----	1860-----	Obsolete Navy number; see 304A.
38106-----			206-----	2933-----	Obsolete Navy number; see 206.
38107-----			207-----	1971-----	Obsolete Navy number; see 207.
38110-----			10Y-----	2566A-----	Obsolete Navy number; see 10Y.
38111-----			38111-----	1984-----	Obsolete, superseded by 38111A.
38111A-----	N16-T-90111----	0	38111A-----		Transmitting triode amplifier (low capacitance type 211 for crystal oscillator application-Use 211 for other applications) -Similar to 38111, 1934, 261A, 361A, 835, 211C, 311C, 311CT, 211D, 242B and 242C. Ruggedized version of 38111A.
38111WA-----			38111WA-----		Obsolete Navy number; see 212E.
38112-----			212E-----	WE212E, 312E, 241B, 1819B	
38114-----			214-----	2938-----	Obsolete Navy number; see 214.
38116-----			4826-----	GE197049, WE289A, RCA2000, WL289416D	Obsolete Navy number; see 4826.
38117-----			217C-----	2936A-----	Obsolete Navy number; see 217C.
38118-----			218-----	1861-----	Obsolete Navy number; see 218.
38119-----			219-----	2937-----	Obsolete Navy number; see 219.
38120-----			220B-----	WE220B, 1837-----	Obsolete Navy number; see 220B.
38138-----			838-----		Obsolete Navy number; see 838.
38142-----	N16-T-80142----		38142-----	2045, 45 Special-----	Transmitting triode (similar to VT52 (Br.)).
38143-----			843-----		Obsolete Navy number; see 843.
38145-----			845-----	3945-----	Obsolete Navy number; see 845.
38146-----			846-----		Obsolete Navy number; see 846.
38149-----			849-----		Obsolete Navy number; see 849.
38150-----			850-----		Obsolete Navy number; see 850.
38151-----			851-----	2172-----	Obsolete Navy number; see 851.
38152-----			852-----		Obsolete Navy number; see 852.
38157-----			857-----	3072-----	Obsolete Navy number; see 857.
38157A-----			857A-----		Obsolete Navy number; see 857A.
38157B-----			857B-----		Obsolete Navy number; see 857B.
38158-----			858-----	3717-----	Obsolete Navy number; see 858.
38160-----			860-----	3119-----	Obsolete Navy number; see 860.
38161-----			861-----	3124A-----	Obsolete Navy number; see 861.
38162-----			862A-----	3675-----	Obsolete Navy number; see 862.
38165-----			865-----	3294-----	Obsolete Navy number; see 865.
38166-----			866A/866-----	3069-----	Obsolete Navy number, see 866A/866.
38166A-----			866A/866-----		Obsolete Navy number; see 866A/866.
38169-----			869B-----	3071-----	Obsolete Navy number; see 869B.
38169A-----			869B-----		Obsolete Navy number; see 869B.
38170-----			870-----		Obsolete Navy number; see 870.
38171-----			871-----	4102-----	Obsolete Navy number; see 871.
38172-----			872A-----	3070-----	Obsolete Navy number; see 872A.
38172A-----			872A-----		Obsolete Navy number; see 872A.
38181-----			81-----	2935A-----	Obsolete Navy number; see 81.
38182-----			82-----		Obsolete Navy number; see 82.
38183-----			83-----		Obsolete Navy number; see 83.
38184-----			84/624-----		Obsolete Navy number; see 84/624.
38193-----			893-----		Obsolete Navy number; see 893.
38205-----			OC3/VR-105-----	GL105-30, VR105-30-----	Obsolete Navy number; see OC3/VR-105.
38211-----			Commercial 211-----		Obsolete Navy number; see Commercial 211.
38213-----			2A3-----		Obsolete Navy number; see 2A3.

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38215-----			2A5-----		Obsolete Navy number; see 2A5.
38217-----			FG17-----	0517, DE0517, 4261----	Obsolete Navy number; see FG17.
38220-----			120-----	ZB120, 3C21-----	Obsolete Navy number; see 120.
38222-----			3B23-----	RK22-----	Obsolete Navy number; see 3B23.
38233-----			2C21-----	RK33, 1642-----	Obsolete Navy number; see 2C21.
38236-----			1C6-----		Obsolete Navy number; see 1C6.
38250-----			OD3-----	GL150-30, VR150-30	Obsolete Navy number; see OD3.
38255-----			25Z5-----		Obsolete Navy number; see 25Z5.
38266A-----			RK21-----		Obsolete Navy number; see RK21-(Nearest equivalent is 836).
38267-----			1616-----		See 1616.
38269-----			868-----	3982, 868-----	Obsolete Navy number; see 868.
38274-----			874-----	3918-----	Obsolete Navy number; see 874.
38275-----			0A3-----	GL75-30, VR75-30, 0A3/VR75	Obsolete Navy number; see 0A3.
38276-----			876-----		Obsolete Navy number; see 876.
38278-----					Obsolete Navy number.
38282-----			282B-----	WE282B-----	Obsolete Navy number; see 282B.
38286-----			886-----		Obsolete Navy number; see 886.
38290-----			OB3-----	VR90-30, OB3/VR-70----	Obsolete Navy number; see OB3.
38296-----			896-----		Obsolete Navy number; see 896.
38304-----				4378-----	Obsolete Navy number.
38309-----				3920-----	Obsolete Navy number.
38309A-----				3820A-----	Obsolete Navy number.
38401-----			3B21-----	EL302.5-----	Obsolete Navy number; see 3B21.
38402-----			4B22-----	EL582.5-----	Obsolete Navy number; see 4B22.
38403-----			4B23-----	EL58HD-----	Obsolete Navy number; see 4B23.
38404-----			4B24-----	EL3C, 3C-----	Obsolete Navy number; see 4B24.
38405-----			3B22-----	1C, EL1C-----	Obsolete Navy number; see 3B22.
38412-----			312A-----	WE312A-----	Obsolete Navy number; see 312A.
38565J-----			6J5-----		Obsolete Navy number; see 6J5.
38593-----			5Z3-----		Obsolete Navy number; see 5Z3.
38616-----			6A6-----		Obsolete Navy number; see 6A6.
38617-----			6A7-----		Obsolete Navy number; see 6A7.
38627-----			6B7-----		Obsolete Navy number; see 6B7.
38636-----			6C6-----		Obsolete Navy number; see 6C6.
38646-----			6D6-----		Obsolete Navy number; see 6D6.
38667-----			6F7-----		Obsolete Navy number; see 6F7.
38674-----			38674-----	GE45X674, 1674, 5B24----	Obsolete Navy number; use 4B25.
38674A-----			4B25-----	EL6CF, 6CF-----	Obsolete Navy number; see 4B25.
38903-----			803-----		Obsolete Navy number; see 803.
38907-----			807-----	HT61, RK39-----	Obsolete Navy number; see 807.
38908-----			808-----		See 808.
38914-----			814-----		See 814.
38933-----			833-----		Obsolete Navy number; see 833.
38937-----			837-----		Obsolete Navy number; see 837.
38942-----			842-----		Obsolete Navy number; see 842.
38984-----			884-----		Obsolete Navy number; see 884.
38997-----			4B27-----	GE16X997, 1297-----	Obsolete Navy number; see 4B27.
38954-----			954-----		Obsolete Navy number; see 954.
38955-----			955-----		Obsolete Navy number; see 955.
38956-----			956-----		Obsolete Navy number; see 956.
38958-----			958-----		Obsolete Navy number; see 958.
38959-----			959-----		Obsolete Navy number; see 959.
62005-----			1B69-----	1B69, 1E-----	Gamma counter tube.
62006-----			1B70-----	1W, 1B70-----	Gamma counter tube.
62007-----			1B71-----	1B71, 4E-----	Gamma counter tube.
62008-----			1B72-----	1B72, 4W-----	Gamma counter tube.
62009-----			1B73-----	1B73, 10S-----	Gamma counter tube.
62010-----			1B74-----	1B74, 10W-----	Gamma counter tube.
62011-----			BS-6-----	BS-6, 100C, 1B75-----	Beta-Gamma counter tube.
62012-----			1B76-----	1B76, 100N-----	Beta-Gamma counter tube.
62013-----			1B77-----	1B77, 120C-----	Beta-Gamma counter tube.
62014-----			1B78-----	1B78, 150C-----	Beta-Gamma counter tube.
62015-----			1B79-----	1B79, 150W-----	Beta-Gamma counter tube.
62016-----			BS-1-----	BS-1, 150N, 1B30, 150NA----	Beta-Gamma counter tube.
62017-----			1B91-----	1B91, 200C-----	Alpha-Beta-Gamma counter tube.
C73011-----			1P25-----		See 1P25.
C73029-----	N16-T-90190----		C73029-----		Cathode ray.
C73119-----	N16-T-90208----		C73119-----		Cathode ray.
C73140-----	F16-T-90207-40----		C73140-----		Cathode ray.
C73146-----	N16-T-90210----		C73146-----		Cathode ray.
C73147-----			3JP11-----		See 3JP11.
73148-----			3JP11-----		See 3JP11.
75615-----			75615-----		Phototube.
D79509-----			D79509-----		Similar to 205 except for base.
D79510-----	N16-T-90250----		D79510-----		Ionization manometer (soft glass).

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D77512-----	N16-T-90250-20-		D77512-----		Ionization manometer (D77510 except hard glass).
D80039-----			215A-----		See 215A.
D80777-----			D80777-----		Ballast tube.
D86326-----			101D-----		See 101D.
D86327-----			D86327-----		Selected 104D.
D87722-----			D87722-----		Unbased 231D.
D90278-----			267A-----		See 267A.
D90279-----			256A-----		See 256A.
D91143-----			D91143-----		101F with special base.
D91144-----			D91144-----		102F with special base.
D92437-----			D92437-----		Receiving triode amplifier.
D94044-----			D94044-----		Selected 264A.
D94230-----			D94230-----		Selected 231D.
D94341-----			D94341-----		Selected 224C-CRT.
D95954-----			D95954-----		"AEO-lite" used by Novietone News.
D96412-----			D96412-----		Replaced by 294A.
D96413-----	N16-T-91413----		324A-----	WE324A-----	See 324A.
D96415-----			D96415-----		Electrometer tube (replaced by 5674).
D96820-----			38111A-----		See 38111A.
D96987-----			845-----		See 845.
D97004-----			D97004-----		Stroboscopic discharge tube (discontinued).
D97014-----			D97014-----		Thermostat.
D97822-----			D97822-----		Selected 205D.
D99022-----			D99022-----		Cold cathode ray tube.
D99946-----	N16-T-91446----	D	D99946-----		Lattice network varistor, not a tube.
D155023-----			D155023-----		Special phototube (dead).
D156548-----			388A-----	WE388A-----	See 388A, altimeter tube.
D156734-----	N16-T-91419----		D156734-----		Similar to type 205D, with silver-plated studs.
D157591-----			382A-----		See 382A.
D157653-----			380A-----		See 380A.
D157654-----			D157654-----		Replaced by 384A.
D158643-----			D158643-----		Replaced by 384A.
D158796-----			386A-----		See 386A.
D159076-----			D159076-----		Phototube.
D159503-----			381A-----		See 381A.
D159503-----			383A-----		See 383A.
D159511-----			D159511-----		Pentode amplifier (similar to WE306A except grid on top).
D159512-----			387A-----		See 387A.
D159764-----			703A-----	369AS-----	See 703A.
D159765-----			704A-----		See 704A.
D159769-----			389A-----	WE389A-----	See 389A.
D159778A-----	N16-T-91421----		D159778A-----		Thyratron.
D159780-----			705A-----	WE378A-----	See 705A.
D159781-----			356B-----		See 356B.
D160127-----	N16-T-91421-30-		D160127-----		Triode similar to 708A.
D160206-----			1272Y-----		See 1272Y.
D160573-----			D160573-----	1301M-----	Transmitting UHF oscillator.
D161145-----			D161145-----	1325M-----	Transmitting UHF oscillator.
D161714-----			D161714-----		Grid controlled gas rectifier.
D161931-----			GY2-----	1278-GY2-----	See GY2.
D162836-----			D162836-----		Superseded by 1N21.
D163366-----			1N21-----		See 1N21.
D163876-----			D163876-----	1374GY-----	Grid controlled gas rectifier.
D164389-----			1N22-----		See 1N22.
D164694-----			2K40-----	1280CT-----	Superseded by 2K40.
D164713-----	N16-T-91423----		D164713-----		Transmitting triode UHF oscillator.
D164714-----	N16-T-91424----		7C22-----		See 7C22.
D167158-----			D167158-----	1289CT-----	UHF oscillator.
D168030-----			1N28-----		See 1N28.
D168355-----			1N21A-----		See 1N21A.
D168356-----			1N23-----		See 1N23.
D168535-----			D168535-----		Cold cathode gas triode rectifier relay regulator.
D168707-----			1N26-----		See 1N26.
D169113-----			1N21B-----		See 1N21B.
D169304-----			1N23A-----		See 1N23A.
D169305-----			1N23B-----		See 1N23B.
D170135-----			1B42-----		See 1B42.
D170247-----			1N25-----		See 1N25.
D170573-----			5649-----		See 5649.
D171089-----					Similar to 7C22-shorter in height.
D171612-----					Crystal rectifier for AN/APS-3A(W).
D171936-----			1N31-----		See 1N31.

**SECTION  
16-820  
ELECTRON  
TUBES**

**CATALOG of NAVY MATERIAL**

First Edition

August 1950

**CROSS INDEX OF ELECTRON TUBE TYPES**

TUBE TYPE	STANDARD NAVY STOCK NUMBER	NAVY ALLOW-ANCE CODE	CURRENT SERVICE DESIGNATION	OTHER NUMBER	CLASS DESCRIPTION
D176627----- GE189049----- 189049-----	N16-T-91549----		5650----- 4B28----- 4B28-----	GE190049, WL289414, CE225	See 5650. See 4B28. Diode gas rectifier.
GE189049----- 189049-----			4B26----- 4B26-----	GE189049, 38116, WE289A RCA2000, WL289416D, CE226	See 4B26. See 4B26.
195528----- 199679----- 206501----- GE217283----- 217283-----	N16-T-91598---- N16-T-91650----		206501----- 199679----- 206501----- 5B21----- 5B21-----	WL289415----- CE235, GE217283, WL766776	Superseded by 206501. Duodiode gas rectifier Diode gas rectifier (supersedes 195528). See 5B21. See 5B21.
277455----- WL289414----- 289414-----	N16-T-91714----		12X825----- 4B28----- 4B28-----	CE225, GE189049, WL289414	Superseded by 12X825. See 4B28. Diode gas rectifier.
WL289415----- 289415----- WE289416D----- WL289416D----- 289416-----	N16-T-91715----		289415----- 289415----- 4B26----- 4B26----- 4B26-----	WL289415, CE212, 206501 CE226, GE189049, WE289A 38116, WL289416, RCA2000	See 289415. Diode gas rectifier. See 4B26. See 4B26. See 4B26.
289891----- 766776----- XB767527-1----- WL959493----- 859493----- WL96626----- 96626----- R5660201-----	N16-T-81761---- N16-T-95493----	E	289891----- 5B21----- 4B36----- 4B36----- WE327A----- 4B35----- 3K23-----	WL766776, GE217283----- WL959493, GE20X672----- WL96626, WE327A, 12X825	Diode gas rectifier. See 5B21. Special temperature limited diode. See 4B36. Diode gas rectifier; see 4B36. See WE327A. See 4B35. See 3K23.

**MANUFACTURERS' TUBE TYPE NUMBER PREFIXES**

Examples of the more common letter prefixes in use are tabulated below:

Tube manufacturer	Prefix on commercial types	Prefix on experimental types
Amperex-----	ZB, HF, A, P, CEP-----	
Continental Electric-----	CE-----	
Eitel McCullough-----	UH, RX-----	
Electronic Enterprises-----	EE-----	
Electrons-----	EL-----	
Federal-----	F-----	
General Electric-----	GL, FG, NE, FP, FA, PJ, FJ, FR---	ZP, ZG, Z.
Hytron-----	HY-----	D, HD.
Machlett-----	ML-----	EP.
RCA-----		A, C, or R.
Raytheon-----	RK, RKR, CK, RX, RM-----	QF, QT, QM, QMG, QL, QG, QK, QY.
Sylvania-----	R-----	SD, SB, SN, X, R.
Taylor-----	T, TT, TZ, R, TW-----	
Tung Sol-----		DT.
United Electric-----	UE, BW, CV, UX, HV, CW-----	
Western Electric-----	D, WE-----	XQ.
Westinghouse-----	WL, KU, KI, DKI, RO, DRO, RJ, DRJ, KX-----	WX.

# ARMY VT NUMBERS AND COMMERCIAL NUMBERS

## Listing by VT Numbers

VT NUMBER	SEE COMMERCIAL TUBE TYPE NO.	VT NUMBER	SEE COMMERCIAL TUBE TYPE NO.	VT NUMBER	SEE COMMERCIAL TUBE TYPE NO.
VT-1-----	WE-203A (obsolete).	VT-49-----	39/44.	VT-94B-----	6J5 Special selec.
VT-2-----	WE-205B.	VT-50-----	50.	VT-94C-----	6J5G Special selec.
VT-3-----	Obsolete.	VT-51-----	841.	VT-94D-----	6J5GT.
VT-4A-----	Obsolete.	VT-52-----	45 Special.	VT-95-----	2A3.
VT-4B-----	Commercial 211.	VT-53-----	Cancelled (super- seded by VT-42-A).	VT-96-----	6N7.
VT-4C-----	JAN 211.	VT-54-----	34.	VT-96B-----	6N7 Special selec.
VT-5-----	WE-215A.	VT-55-----	865.	VT-97-----	5W4.
VT-6-----	212A (obsolete).	VT-56-----	5G.	VT-98-----	6U5/6G5.
VT-7-----	WX-12 (obsolete).	VT-57-----	57.	VT-99-----	6F8G.
VT-8-----	UV-204 (obsolete).	VT-58-----	58.	VT-100-----	807.
VT-10-----	Obsolete.	VT-60-----	850.	VT-100A-----	807 Modified.
VT-11-----	Obsolete.	VT-62-----	801, 801A.	VT-101-----	837.
VT-12-----	Obsolete.	VT-63-----	46.	VT-102-----	Cancelled.
VT-13-----	Obsolete.	VT-64-----	800.	VT-103-----	6SQ7.
VT-14-----	Obsolete.	VT-65-----	6C5.	VT-104-----	12SQ7.
VT-16-----	Obsolete.	VT-65A-----	6C5G.	VT-105-----	6SC7.
VT-17-----	860.	VT-66-----	6F6.	VT-106-----	803.
VT-18-----	Obsolete.	VT-66A-----	6F6J.	VT-107-----	6V6.
VT-19-----	861.	VT-67-----	30 Special.	VT-107A-----	6V6GT.
VT-20-----	Obsolete.	VT-68-----	6B7.	VT-107B-----	6V6G.
VT-21-----	Obsolete.	VT-69-----	6D6.	VT-108-----	450TH.
VT-22-----	204A.	VT-70-----	6F7.	VT-109-----	2051.
VT-23-----	Obsolete.	VT-72-----	842.	VT-111-----	5BP4/1802P4.
VT-24-----	864.	VT-73-----	843.	VT-112-----	6AC7/1852.
VT-25-----	10.	VT-74-----	5Z4.	VT-114-----	5T4.
VT-25A-----	10 Special.	VT-75-----	75.	VT-115-----	6L6.
VT-26-----	22.	VT-76-----	76.	VT-115A-----	6L6G.
VT-27-----	30.	VT-77-----	77.	VT-116-----	6SJ7.
VT-28-----	24, 24A.	VT-78-----	78.	VT-116A-----	6SJ7GT.
VT-29-----	27.	VT-80-----	80.	VT-116B-----	6SJ7Y.
VT-30-----	01-A.	VT-83-----	83.	VT-117-----	6SK7.
VT-31-----	31.	VT-84-----	84/6Z4.	VT-117A-----	6SK7GT.
VT-32-----	Obsolete.	VT-86-----	6K7.	VT-118-----	832.
VT-33-----	33.	VT-86A-----	6K7G.	VT-119-----	2X2/879.
VT-34-----	207.	VT-86B-----	6K7GT.	VT-120-----	954.
VT-35-----	35/51.	VT-87-----	6L7.	VT-121-----	955.
VT-36-----	36.	VT-87A-----	6L7G.	VT-122-----	530.
VT-37-----	37.	VT-88-----	6R7.	VT-123-----	RCA A-5586 (super- seded by VT-128).
VT-38-----	38.	VT-88A-----	6R7G.	VT-124-----	1A5GT.
VT-39-----	869.	VT-88B-----	6R7GT.	VT-125-----	1C5GT.
VT-39A-----	869A.	VT-89-----	89.	VT-126-----	6X5.
VT-40-----	40.	VT-90-----	6H6.	VT-126A-----	6X5G.
VT-41-----	851.	VT-90A-----	6H6GT.	VT-126B-----	6X5GT.
VT-42-----	872.	VT-91-----	6J7.	VT-127-----	Special tube.
VT-42A-----	872A (Special fil.).	VT-91A-----	6J7GT.	VT-127A-----	Special tube.
VT-43-----	845.	VT-92-----	6Q7.	VT-128-----	1630 (A-5588).
VT-44-----	32.	VT-92A-----	6Q7G.	VT-129-----	304TL.
VT-45-----	45.	VT-93-----	638.	VT-130-----	250TL.
VT-46-----	866.	VT-93A-----	6B8G.	VT-131-----	12SK7.
VT-46A-----	866A.	VT-94-----	6J5.	VT-132-----	12K8 Special.
VT-47-----	47.	VT-94A-----	6J5G.	VT-133-----	12SR7.
VT-48-----	41.				

\*Indicates VT number has been cancelled.

# ARMY VT NUMBERS AND COMMERCIAL NUMBERS

## Listing by VT Numbers

VT NUMBER	SEE COMMERCIAL TUBE TYPE NO.	VT NUMBER	SEE COMMERCIAL TUBE TYPE NO.	VT NUMBER	SEE COMMERCIAL TUBE TYPE NO.
VT-134-----	12A6.	VT-177-----	1LH4.	VT-225-----	307A.
VT-135-----	12J5GT.	VT-178-----	1LC6.	VT-226-----	2EP1/1806P1.
VT-135A----	12J5.	VT-179-----	1LN5.	VT-227-----	7184.
VT-136-----	1625.	VT-180*-----	3LF4.	VT-228-----	8012.
VT-137-----	1626.	VT-181-----	7Z4.	VT-229-----	6SL7GT.
VT-138-----	1629.	VT-182-----	3B7/1291.	VT-230-----	350A.
VT-139-----	VR150-30.	VT-183-----	1R4/1294.	VT-231-----	6SN7GT.
VT-140*-----	1628.	VT-184-----	VR90-30.	VT-232-----	E-1148.
VT-141-----	531.	VT-185-----	3D6/1299.	VT-233-----	6SR7.
VT-142-----	WE-39DY1.	VT-186-----	Special tube.	VT-234-----	HY-1148.
VT-143-----	805.	VT-187-----	575A.	VT-235-----	HY-615.
VT-144-----	813.	VT-188-----	7E6.	VT-236-----	836.
VT-145-----	5Z3.	VT-189-----	7F7.	VT-237-----	957.
VT-146-----	1N5GT.	VT-190-----	7H7.	VT-238-----	956.
VT-147-----	1A7GT.	VT-191-----	316A.	VT-239-----	1LE3.
VT-148-----	1D8GT.	VT-192-----	7A4.	VT-240-----	710A.
VT-149-----	3A8GT.	VT-193-----	7C7.	VT-241-----	7E5/1201.
VT-150-----	6SA7.	VT-194-----	7J7.	VT-243-----	7C4/1203A.
VT-150A----	6SA7GT.	VT-195-----	1005.	VT-244-----	5U4G.
VT-151-----	6A8G.	VT-196-----	6W5G.	VT-245-----	2050.
VT-151B----	6A8GT.	VT-197A----	5Y3GT/G.	VT-246-----	918.
VT-152-----	6K6GT.	VT-198A----	6GGG.	VT-247-----	6AG7.
VT-152A----	6K6G.	VT-199-----	6SS7.	VT-248-----	1808P1.
VT-153-----	12C8 Special.	VT-200-----	VR-105-30.	VT-249-----	1006.
VT-154-----	814.	VT-201-----	25L6.	VT-250-----	EF50.
VT-155-----	Special tube.	VT-201C----	25L6GT.	VT-251-----	441.
VT-156-----	Special tube.	VT-202-----	9002.	VT-252-----	923.
VT-157-----	Special tube.	VT-203-----	9003.	VT-254-----	304TH.
VT-158-----	Special tube.	VT-204-----	HK24G.	VT-255-----	705A.
VT-159-----	Special tube.	VT-205-----	6ST7.	VT-256-----	ZP486.
VT-160-----	Special tube.	VT-206A----	5V4G.	VT-257-----	K-7.
VT-161-----	12SA7.	VT-207-----	12AH7GT.	VT-259-----	829.
VT-162-----	12SJ7.	VT-208-----	7B8.	VT-260-----	VR75-30.
VT-163-----	6C8G.	VT-209-----	12SG7.	VT-264-----	3Q4.
VT-164-----	1619.	VT-210-----	1S4.	VT-266-----	1616.
VT-165-----	1624.	VT-211-----	6SG7.	VT-267-----	578.
VT-166-----	371A.	VT-212-----	958.	VT-268-----	12SC7.
VT-167-----	6K8.	VT-213A----	6L5G.	VT-269-----	717A.
VT-167A----	6K8G.	VT-214-----	12H6.	VT-277-----	417.
VT-168A----	6Y6G.	VT-215-----	6E5.	VT-279-----	GY-2.
VT-169-----	12C8.	VT-216-----	816.	VT-280*-----	C7063.
VT-170-----	1E5-GP.	VT-217-----	811.	VT-281*-----	HY-145ZT.
VT-171-----	1R5.	VT-218-----	100TH.	VT-282-----	ZG489.
VT-171A----	Loctal Equiv. of 1R5.	VT-219-----	Cancelled.	VT-283*-----	QF-206.
VT-172-----	1S5.	VT-220-----	250TH.	VT-284*-----	QF-197.
VT-173-----	1T4.	VT-221-----	3Q5GT.	VT-285*-----	QF-200C.
VT-174-----	3S4.	VT-222-----	884.	VT-286-----	832A.
VT-175-----	1613.	VT-223-----	1H5GT.	VT-287-----	815.
VT-176-----	6AB7/1853.	VT-224-----	RK-34.	VT-288-----	12SH7.
				VT-289-----	12SL7GT.

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